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Wastewater Treatment Facilities South Shore Lake Tahoe Basin: South Tahoe Public Utility District California, Douglas County Sewer Improvement District No. 1, Nevada. Appendix B

Sedway/Cooke
San Francisco, CA

Prepared for

Environmental Protection Agency
San Francisco, CA

May 81

U.S. Department of Commerce
National Technical Information Service
NTIS

APPENDIX B
MITIGATION PROGRAM

MAY 1981

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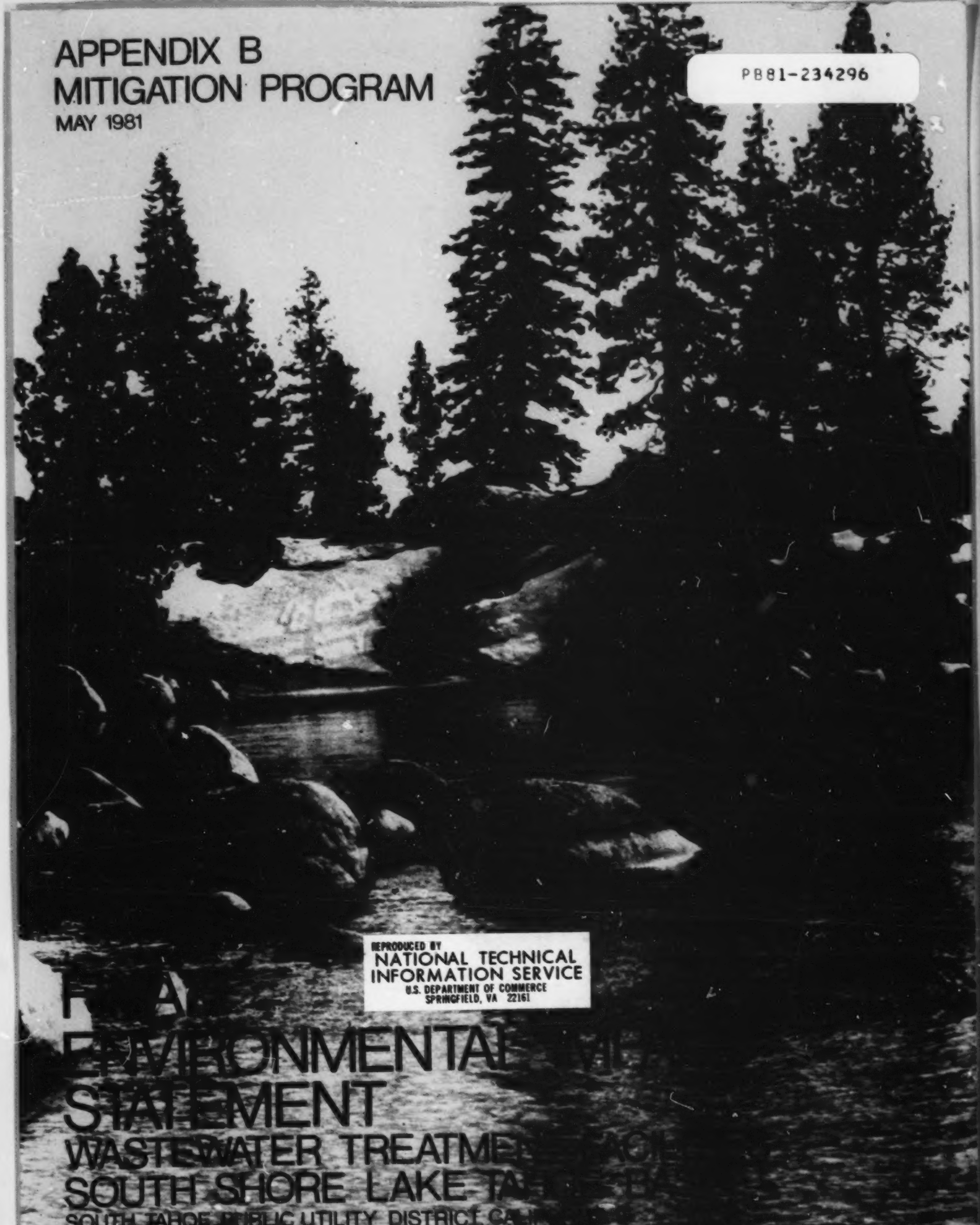

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FINAL ENVIRONMENTAL IMPACT STATEMENT

WASTEWATER TREATMENT FACI[illegible]
SOUTH SHORE LAKE TA[illegible] BA[illegible]

SOUTH TAHOE PUBLIC UTILITY DISTRICT CA[illegible]
DOUGLAS COUNTY SEWER IMPROVEMENT [illegible] NO. [illegible]

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This Final Environmental Impact Statement on the wastewater treatment programs, proposed by the South Tahoe Public Utility District and the Douglas County Sewer Improvement District No. 1, contains EPA's recommendations on the proposed projects, a mitigation program, and responses to public comment and resultant revisions and additions to the Draft EIS, issued in October of 1979. This document provides a summary of the many events that have occurred since the Draft EIS was published, events which have altered the projects originally proposed by the wastewater agencies. Based on the impact analysis of various growth scenarios performed in the Draft EIS and commitments to mitigate primary and secondary adverse impacts, EPA recommends for South Tahoe Public Utility District a 7.5 mgd maximum daily flow wastewater treatment plant which produces secondary treated and filtered effluent for agricultural irrigation in Alpine County, California. Possible further plant expansion is contingent upon approval by various local and regulatory agencies and adequate performance under the mitigation program. With respect to the Douglas County Sewer Improvement District No. 1, a lack of progress in developing a mitigation program has resulted in an Agency decision to postpone finalizing the EIS for that district. Two appendices have been prepared as part of the Final EIS. Appendix A contains the written comments submitted on the Draft EIS. Appendix B contains the mitigation program, including implementation statements from the responsible agencies.

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South Lake Tahoe
Wastewater treatment
Treatment facilities
Douglas County NV
Environmental impact statements
Air quality

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c. COSATI Field/Group

18. Availability Statement

19. Security Class (This Report)

20. Security Class (This Page)

21. No. of Pages

22. Price

(See ANSI-Z39.18)

See Instructions on Reverse

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TECHNICAL APPENDICES

APPENDIX B: MITIGATION PROGRAM

FINAL ENVIRONMENTAL IMPACT STATEMENT

SOUTH TAHOE PUBLIC UTILITY DISTRICT
AND
DOUGLAS COUNTY SEWER IMPROVEMENT DISTRICT NO. 1

El Dorado and Alpine Counties, California

and

Douglas County, Nevada

Lead Agency: U.S. Environmental Protection Agency

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Bakersfield, California

APPENDIX B

MITIGATION PROGRAM
WITH
AGENCY IMPLEMENTATION STATEMENTS

for the Proposed

Wastewater Treatment Facilities
SOUTH TAHOE PUBLIC UTILITY DISTRICT

May, 1981

Prepared for EPA
by
South Lake Tahoe Mitigation Task Force

TABLE OF CONTENTS

Page

I. MITIGATION PROGRAM OVERVIEW I-1

II. MITIGATION PROGRAM MATRIX

Introduction II-1
Matrix II-2

III. MITIGATION MEASURE IMPLEMENTATION STATUS

A. Introduction III-1

B. Water Resources and Water Quality III-1

1. Revegetate bare areas. III-5
2. Stabilize and vegetate unstable slopes. III-7
3. Provide protective cover on dirt roads. III-9
4. Build roadside drains. III-11
5. Storm sewers. III-13
6. Drainage facilities for areas of intensive vehicular use. III-15
7. Protective cover on private roads and driveways. III-17
8. Best management practices. III-19
9. Restrictions on fertilizer use. III-21
10. No new subdivisions. III-23
11. Construction prohibited on high erosion hazard lands, in stream environment zones, and in excess of land capability. III-24
12. Construction is prohibited unless offset by remedial projects. III-26
13. Close and vegetate unneeded dirt roads. III-28
14. Restrict off-road vehicles to designated areas and trails. III-30
15. Best management practices for campgrounds, ski areas, tree removal, and livestock grazing and confinement. III-32
16. Restrictions on campground expansion. III-34
17. Monitor water quality to document changes in physical, chemical and biological characteristics of basin waters. III-36

C. Geology and Soils III-38

18. Enforce pertinent building codes. III-39
19. Implement land use controls to prevent development on known fault zones and unstable soils susceptible to major seismic disturbance. III-40

D. Biology III-41

20. Inventory, monitor, and, if necessary, control recreational use of meadows, bogs, aspen groves, and other valuable moist habitats in accordance with guidelines and management plans of the U.S. Forest Service and state departments of fish and game to protect valuable and rare or endangered plants and wildlife. III-42
21. Protect active osprey and peregrine falcon nests from disturbance. III-44
22. Require surveys of rare and endangered plants for development proposals, and require measures to minimize impacts. III-46
23. Require construction and maintenance projects to include measures to protect vegetation and habitats. III-47

E. Noise III-48

24. Adopt and enforce a noise control ordinance. III-49
25. Revise zoning ordinances to prevent incompatible land uses. III-51
26. Establish special permit procedures to implement noise reduction measures. III-52

F. Meteorology and Air Quality III-53

27. Inspection/Maintenance. III-54
28. Reduce cold start conditions. III-55
29. Traffic flow improvements. III-56
30. Reversible bus lanes. III-57
31. Driver advisories. III-58
32. Loading Regulations. III-59
33. Staggered work and/or operations hours. III-60
34. Snow removal procedure. III-62
35. Traffic movement control. III-63
36. Idling restrictions (Drive-Up Windows). III-64
37. Parking location control. III-65
38. Parking supply management. III-66
39. Parking operation. III-67
40. Peripheral parking facilities. III-68
41. Parking surcharges. III-69
42. Road use or entry charges (User Fee). III-70
43. Priority treatment for carpools. III-71
44. Bikeways. III-72
45. Pedestrian facility. III-73
46. Roadwork restrictions. III-74
47. Mail delivery. III-75
48. Rail. III-76
49. Intensive bus service. III-77
50. Free mass transit. III-78
51. Express bus lanes. III-79
52. Employee mass transit incentives. III-80
53. Zoning approvals. III-81

54. Purchase of fragile lands. III-82
55. Subdivision prohibition. III-83
56. Indirect source review. III-84
57. Service stations. III-85
58. Bulk storage plants (petroleum). III-86
59. Architectural coating. III-87
60. Degreasing operations. III-88
61. Asphalt paving. III-89
62. Gaseous fuel space heating. III-90
63. Solar space heating. III-91
64. New source review role. III-92

G. Visual Resources III-93

65. Adopt design plan with implementing ordinances and provisions for design review. III-93

H. Land Use and Housing III-95
66. Encourage housing rehabilitation loans and grants, and code enforcement. III-95
67. Improve neighborhood facilities, services, and amenities to encourage private-sector investment. III-96
68. Institute incentives for new development to include a share of moderately-priced housing. III-97
69. Institute incentives for employers to expand housing stock when expanding activities. III-98
70. Coordinate regionwide land use policies; coordinate local, regional, state, and federal land use planning efforts. III-99

I. Transportation III-101

71. Add more buses. III-101
72. Establish basinwide transit agency. III-103
73. Encourage car and van pooling to place of employment. III-104

J. Recreation III-105

74. Acquire land for public recreational use. III-105

K. Public Services/Fiscal Concerns III-106

75. Construct primary/intermediate care clinic. III-106
76. Expand county health services programs and encourage volunteer services. III-107
77. Ensure that new development locates to take maximum advantage of existing service capacities. III-108
78. Coordinate regional land use planning and capital facilities planning and budgeting. III-110
79. Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements. III-112
80. Consolidate service districts. III-114

81. Institute double sessions or year-round school operations to reduce need for additional school facilities. III-115
82. Expand the transfer station in the City of South Lake Tahoe. III-116
83. Encourage recycling and resource recovery efforts by the solid waste franchise operator. III-117
84. Initiate public education and volunteer programs to reduce amount of solid waste generated, promote a clean, litter-free community, and achieve the state goal of a 25% reduction in waste going to the landfill. III-118

L. Utilities III-119

85. Institute water conservation programs to reduce water consumption. III-119
86. Install retrofit water conservation devices. III-120
87. Enforce mandatory water conservation efforts. III-121
88. Make maximum use of available grants to reduce local costs. III-123
89. Retrofit existing structures with additional insulation. III-124
90. Revise building codes to require additional insulation of walls, floors, ceilings, attics. III-125
91. Encourage energy audits. III-126
92. Encourage development of energy-efficient transportation systems. III-127

M. Cultural, Archeological and Historical Resources III-128

93. Require on-site cultural, archeological, and historic resource analyses as part of the development review process. III-128
94. Nominate cultural, archeological, and historical resources for inclusion in the National Register. III-129
95. Purchase land or obtain restrictive easements to place cultural, archeological, and historical resource sites in public possession. III-130

N. Carson Valley III-131

96. Monitor groundwater and irrigated runoff to ensure that land application of secondary effluent is not detrimental to surface and groundwater quality. III-131
97. To maintain reliable treatment to ensure public health protection against potential hazards from using secondary effluent for irrigation. III-132

IV. RESPONSIBLE AGENCY IMPLEMENTATION STATEMENTS

1. State of California - Air Resources Board IV-1
2. State of California - Department of Fish and Game IV-2
3. State of California - Department of Motor Vehicles IV-3

4. State of California - Department of Parks and Recreation IV-4
5. State of California - Department of Water Resources IV-5
6. State of California - Resources Agency, California Regional Water Quality Control Board, Lahontan Region IV-6
7. State of California - Resources Agency, Water Resources Control Board IV-7
8. California Tahoe Regional Planning Agency (CTRPA) IV-8
9. State of California - Department of Transportation (Caltrans) IV-9
10. El Dorado County IV-10
11. El Dorado County Air Pollution Control District IV-11
12. Golden Empire Health Systems Agency IV-12
13. Harrah's Hotel and Casino IV-13
14. Lake Tahoe Community College IV-14
15. Lake Tahoe Unified School District IV-15
16. Lake Valley Fire Protection District IV-16
17. Sierra Pacific Power Company IV-17
18. South Lake Tahoe Chamber of Commerce IV-18
19. City of South Lake Tahoe IV-19
20. South Tahoe Public Utility District IV-20
21. South Tahoe Refuse Company IV-21
22. Tahoe Regional Planning Agency (TRPA) IV-22
23. Tahoe Research Group (TRG) IV-23
24. Tahoe Transportation District IV-24
25. United States Department of the Interior - Bureau of Land Management (BLM) IV-25
26. United States Environmental Protection Agency (EPA) IV-26
27. United States Department of Agriculture - Forest Service (USFS) IV-27
28. United States Department of the Interior - Geological Survey (USGS) IV-28
29. United States Postal Service IV-29
30. United States Department of Agriculture - Soil Conservation Service (USSCS) IV-30
31. Water Service Districts
    a. Water Service Summary IV-31
    b. Districts
        1) Angora Water Company IV-32
        2) South Tahoe Public Utility District IV-33
        3) Tahoe Keys Water Company IV-34
        4) Tahoe Paradise Water Company IV-35

V. MITIGATION TASK FORCE MEMBERSHIP V-1

I. MITIGATION PROGRAM OVERVIEW

The South Tahoe Public Utility District (STPUD) operates an advanced wastewater treatment facility providing sewage disposal services to an area of approximately 25,000 acres located in California on the south shore of Lake Tahoe. The advanced wastewater treatment plant was constructed in 1968 and present flows to the plant are approaching the effective treatment capacity of the facility.

Facility planning efforts were begun in 1977 and completed in 1978. The plan recommended expansion and modification of the existing treatment plant and modifications to the effluent disposal system located in Alpine County.

In May 1978, the U.S. Environmental Protection Agency contracted for the preparation of a Federal Environmental Impact Statement (EIS) on the proposed plant expansion of both the STPUD Facilities and Douglas County Sewer Improvement District No. 1 (DCSID) facilities in Nevada. The Draft EIS was distributed in October 1979.

The DEIS documented the indirect effects (secondary impacts) of the proposed projects and identified 134 measures which could, if implemented, mitigate the identified impacts. These measures were identified in accordance with the TRPA Compact and Plans, the 1976 CTRPA Regional Plan and Ordinances and the Lake Tahoe Basin Air Quality Non-Attainment Plan. In addition to the mitigation measures, the DEIS identified 92 responsible agencies for the implementation of each measure.

Before the EPA can award future grants, mitigation measures must be undertaken to minimize and offset the environmental impacts associated with the proposed expansion. EPA has required that the South TAhoe Public Utility District obtain commitments from the identified local, state and federal agencies with the authority to implement the mitigation measures. Commitments are to be in the form of an "implementation statement" from each identified responsible agency committing personnel and financial resources towards the implementation of the mitigation measure. The implementation statement is also to provide a schedule with appropriate milestones prior to a grant award.

The political, regulatory, and economic climate of the Lake Tahoe Basin is dynamic and at times erratic. This climate, in conjunction with the multitude of interested agencies and individuals, has fostered competition between a number of those agencies for control of the Basin's future.In consideration of this situation and realizing that the implementation of this program was a monumental task for a single agency, the South Tahoe PUD in cooperation with the City of South Lake Tahoe and El Dorado County formed the Mitigation Task Force in January 1980. The purpose of the Task Force was to create a working relationship between those agencies who have authority within the Lake Tahoe Basin, by the pooling of their data, analyses of each agency's capabilities, and identify common goals in order to develop an implementable and environmentally sound mitigation program.

Since their first meeting in January 1980, the Mitigation Task Force has expanded to represent 25 of the implementing agencies (see Chapter V) and has met at least monthly in its efforts to develop a sound and implementable mitigation program.

As the Task Force was developing the mitigation program, a number of events occurred requiring the modification of the program. These events are summarized as follows:

1. The decision of Douglas County Sewer Improvement District Number 1 to withdraw their request for federal funding, thereby rendering the mitigation measures contained in EIS which applied specifically to their proposal non-applicable in regards to STPUD's mitigation program;

2. The August 1980 notice of proposed rulemaking by the Environmental Protection Agency requiring the implementation of the Lake Tahoe Basin Air Quality Non-Attainment Area Plan as a prerequisite for federal funding in the Lake Tahoe Basin;

3. The adoption of the Lake Tahoe Basin Water Quality (208) Plan, which establishes measures to improve the quality of water discharged into Lake Tahoe and limits the number of building permits in the California portion of the Lake Tahoe Basin, thereby reducing the sewerage capacity requirements within the South Tahoe Public Utility District;

4. The Presidential Executive Order creating the Tahoe Federal Coordinating Council and required implementation and enforcement of environmental thresholds and carrying capacities as a prerequisite for federal action within the Lake Tahoe Basin. This Executive Order was rescinded by President Reagan in March 1981.

5. The ratification of the revised TRPA Compact which implements the 1976 CTRPA Regional Plan and Ordinances, excluding the Transportation Plan, and limits the number of new building permits through 1983.

6. The decision of the South Tahoe PUD to modify their proposed project from a 10 MGD plant to a 7.5 MGD plant, an amount which will accommodate growth within the limits defined by the TRPA Compact;

7. The California Tahoe Regional Planning Agency's adoption of the 1980 Regional Plan which implements major sections of this mitigation progra, and

8. The potential adoption of the TRPA (208) Water Quality Plan.

As a result of the above events, the Mitigation Task Force revised the DEIS mitigation program into a program consisting of 97 measures to be implemented by 28 agencies covering the following areas of impact:

1. Water Resources and Water Quality.
2. Geology and Soils.
3. Biology.
4. Noise.

5. Meteorology and Air Quality.
6. Visual Resources.
7. Land Use and Housing.
8. Transportation.
9. Recreation.
10. Public Services/Fiscal Concerns.
11. Utilities.
12. Cultural, Archeological and Historical Resources.
13. The Carson Valley.

The Mitigation Task Force, upon completion of the revised mitigation program requested the required implementation statements from each responsible agency. Upon receipt of the statements, the Task Force requested letters of clarification to ensure that adequate detail of the mitigation program was presented to the EPA.

Even as this document is being finalized, events within the Basin are occurring which will require the modification of the Mitigation Program prior to future grant awards. These events include TRPA's development of Thresholds and a General Plan, the possible designation of TRPA as the responsible agency for the NAP, the uncertainty of funding for both the TRPA and CTRPA, the designation of the TRPA as responsible agency for implementation of the 208 Water Quality Plan, the definition of the Tahoe Transportation District's responsiblities, and the completion and adoption of budgets for the coming year will alter the program, priorities, feasibility and implementation of the mitigation program.

As the persons involved in this process will attest, the level of commitment represented in this document exceeds the expectations of the Task Force at the inception of the program in January 1980 and is the result of a dedicated effort by the members of the Task Force and each responsible agency.

The mitigation program is not static, one-time effort but, as discussed previously, is an on-going process geared towards maintaining and improving the quality of the Lake Tahoe Basin. In the light of this commitment, and in consideration of the ongoing effort to support the STPUD in the pursuit of future grant awards, the Mitigation Task Force will continue to meet monthly over the next year or more in order to maintain the momentum and consistency of the monitoring, implementation and coordination of the mitigation program.

The Task Force has determined that it will further prioritize the mitigation measures to assure that the most effective measures are implemented first, encourage the funding of the measures as each agency develops its 1981-82 budget, maintain a semi-monthly "score card" on the progress of implementation of the measures and support the TRPA in its efforts to develop the Threshold Carrying Capacity Study and Implementing Ordinances.

II. MITIGATION PROGRAM MATRIX

A. INTRODUCTION

The matrix graphically displays the mitigation measures and responsible for implementation of each measure.

Mitigation measures 1 through 16 implement the Lake Tahoe Basin (208) Water Quality Plan as adopted by the California Water Resources Control Board.

Mitigation measures 27 through 64 implement the Lake Tahoe Basin Control Strategy for the Attainment and Maintenance of Ambient Air Quality Standards as adopted by the California Air Resources Board.

The intent of this matrix is to provide an overview of the mitigation program and the responsible implementing agencies.

The Mitigation Task Force developed a priority system which was applied to each mitigation measure to determine the "bottom-line" program required for mitigation of the impacts identified in the DEIS and to assist each responsible agency in determining its level of implementation. Each mitigation measure was "required" to be implemented or "recommended" for implementation.

SOUTH TAHOE PUBLIC UTILITY DISTRICT
MITIGATION PROGRAM FOR THE PROPOSED WASTEWATER TREATMENT FACILIIES

JANUARY 1981

WATER RESOURCES AND WATER QUALITY IN LAKE TAHOE HYDROGRAPHIC BASIN[1] Erosion and Drainage Projects	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Re	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agen	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
1. Revegatate bare areas.	●						●	●	●	●		●							●			●				●			●	
2. Stabilize and vegetate unstable slopes.	●						●	●	●	●		●							●			●				●			●	
3. Provide protective cover on dirt roads.	●						●	●	●	●		●							●			●				●			●	
4. Build roadside drains.	●						●	●	●	●		●							●			●				●			●	
5. Storm sewers.	●						●	●	●	●		●							●			●				●			●	

LEGEND: Required/Recommended Measure:

● Required

☒ Recommended

● Agency responsible for implementation

☐ Agency not responsible for implementation

1. Lake Tahoe Basin (208) Plan as adopted by the California Water Resources Control Board.

2. Lake Tahoe Basin Control Strategy for the attainment and maintenance of Ambient Air Quality Standards as adopted by the California Air Resources Board.

	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
On-Site Runoff Controls																														
6. Drainage facilities for areas of intensive vehicular use.	●						●	●	●			●							●			●				●			●	
7. Protective Cover on private roads and driveways.	●						●	●	●			●							●			●				●			●	
8. Best management practices.	●						●	●	●			●							●	●		●				●			●	
9. Restrictions on fertilizer use.	●						●	●	●			●							●			●				●			●	
Development Restrictions																														
10. No new subdivisions.	●						●	●	●			●							●			●								
11. Construction prohibited on high erosion hazard lands, in stream environment zones, and in excess of land capability.	●						●	●	●			●							●			●								
12. Construction is prohibited unless offset by remedial projects.	●						●	●	●			●							●	●		●								
Forest Practices																														
13. Close and Vegetate unneeded dirt roads.	●						●	●	●			●							●			●				●				
14. Restrict off-road vehicles to designated areas and trails.	●						●	●	●			●							●			●				●				
15. Best management practices for campgrounds, ski areas, tree removal, and livestock grazing and confinement.	●						●	●	●			●							●			●				●				
16. Restrictions on campground expansion.	●						●	●	●			●							●			●				●				
Monitoring																														
17. Monitor water quality to document changes in physical, chemical and biological characteristics of basin waters.	X					●	●	●		●													●		●	●	●			●

GEOLOGY AND SOILS

18. Enforce pertinent building codes.
19. Implement land use controls to prevent development on known fault zones and unstable soils susceptible to major seismic disturbance.

BIOLOGY

20. Inventory, monitor, and, if necessary, control recreational use of meadows, bogs, aspen groves, and other valuable moist habitats in accordance with guidelines and management plans of the U.S. Forest Service and state departments of fish and game to protect valuable and rare or endangered plants and wildlife.
21. Protect active osprey and peregrine falcon nests from disturbance.
22. Require surveys of rare and endangered plants for development proposals, and require measures to minimize impacts.
23. Require construction and maintenance projects to include measures to protect vegetation and habitats.

NOISE

24. Adopt and enforce a noise control ordinance.
25. Revise zoning ordinances to prevent incompatible land uses.
26. Establish special permit procedures to implement noise reduction measures.

	GEOLOGY AND SOILS		BIOLOGY				NOISE		
	18.	19.	20.	21.	22.	23.	24.	25.	26.
Required/Recommended Measure	●	●	●	●	●	●	●	X	X
California, State of									
Cal Air Resources Board									
Cal Department of Fish and Game			●	●	●				
Cal Department of Parks and Recreation									
Cal Department of Water Resources									
Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.			●			●			
Cal Water Resources Control Board									
Cal Tahoe Regional Planning Agency (CTRPA)		●		●	●	●	●	●	●
Caltrans									
Chamber of Commerce									
El Dorado, County of	●	●		●			●	●	●
El Dorado APCD									
Golden Empire Health System Agency									
Lake Tahoe Community College									
Lake Tahoe Unified School District									
Lake Valley Fire Protection District									
Sierra Pacific Power Company									
South Lake Tahoe, City of	●	●	●	●			●	●	●
South Tahoe Public Utility District									
South Tahoe Refuse Company									
Tahoe Regional Planning Agency		●	●	●	●	●	●	●	●
Tahoe Research Group									
U.S. Bureau of Land Management					●				
U.S. Environmental Protection Agency									
U.S. Forest Service			●	●	●	●			
U.S. Geological Survey									
U.S. Postal Service									
U.S. Soil Conservation Service									
Water Service Districts									

METEOROLOGY AND AIR QUALITY[2]
(Committment to Reasonable Progress)

Transportation Measures	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
27. Inspection/Maintenance.	●	●							●			●							●			●								
28. Reduce cold start conditions.	●		●									●							●											
29. Traffic flow improvements.	●									●		●							●											
30. Reversible bus lanes.	●									●																				
31. Driver Advisories.	●									●		●							●											
32. Loading Regulations.	●									●		●							●											
33. Staggered work and/or operations hours.	●		●						●			●							●	●		●				●	●			
34. Snow removal procedure.	●									●		●							●											
35. Traffic movement control.	●									●		●							●											
36. Idling restrictions (Drive-Up Windows).	●								●			●							●			●								
37. Parking location control	●								●			●							●											
38. Parking supply management.	●								●			●							●			●								
39. Parking operation.	●											●							●											
40. Peripheral parking facilities.	●								●			●							●			●								
41. Parking surcharges.	●											●							●											
42. Road use or entry charges (User Fee).	●	●										●							●											
43. Priority treatment for carpools.	●	●							●			●							●	●			●							
44. Bikeways	●	●							●			●							●			●								

Measure	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
45. Pedestrian facility.	●	●							●			●							●			●								
46. Roadwork restrictions.	●	●							●			●							●											
47. Mail delivery.	●											●							●									●		
48. Rail.	●	●										●							●											
49. Intensive bus service.	●											●							●											
50. Free mass transit.	●											●							●											
51. Express bus lanes.	●								●	●		●							●											
52. Employee mass transit incentives.	●											●							●											
Land Use and Planning Measures																														
53. Zoning approvals.	●								●													●								
54. Purchase of fragil lands.	●	●																	●											
55. Subdivision prohibition.	●						●	●	●													●								
56. Indirect source review.	●								●													●								
Stationary Source Measures																														
57. Service stations.	●								●																					
58. Bulk storage plants (petroleum).	●								●																					
59. Architectural coating.	●								●																					
60. Degreasing operations.	●								●																					
61. Asphalt paving.	●								●																					
62. Gaseous fuel space heating.	●											●	●						●											
63. Solar space heating.	●											●							●											
64. New source review role.	●												●																	

	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
VISUAL RESOURCES																														
65. Adopt design plan with implementing ordinances and provisions for design review.	●								●			●							●			●				●				
LAND USE AND HOUSING																														
66. Encourage housing rehabilitation loans and grants, and code enforcement.	X											●							●											
67. Improve neighborhood facilities, services, and amenities to encourage private-sector investment.	X											●					●		●	●										●
68. Institute incentives for new development to include a share of moderately priced housing.	X								●			●							●			●								
69. Institute incentives for employers to expand housing stock when expanding activities.	X								●										●			●								
70. Coordinate regionwide land use policies; coordinate local, regional, state, and federal land use planning efforts.	●								●			●							●	●		●				●				
TRANSPORTATION																														
71. Add more busses.	●											●							●							●				
72. Establish basinwide transit agency.	●								●			●							●			●								
73. Encourage car and van pooling to place of employment.	X								●			●							●			●								
RECREATION																														
74. Acquire land for public recreational use.	X				●														●							●				

PUBLIC SERVICES/FISCAL CONCERNS	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
75. Construct primary/intermediate care clinic.	X	●							●			●		●																
76. Expand county health services programs and encourage volunteer services.	X											●		●																
77. Ensure that new development locates to take maximum advantage of existing service capacities.	●								●			●		●	●				●	●	●	●				●				●
78. Coordinate regional land use planning and capital facilities planning and budgeting.	X								●			●							●	●	●	●				●				●
79. Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements.	X								●			●							●	●	●	●				●				●
80. Consolidate service districts.	X											●							●	●	●									●
81. Institute double sessions or year-round school operations to reduce need for additional school facilities.	X														●	●														
82. Expand the transfer station in the City of South Lake Tahoe.	X								●												●									
83. Encourage recycling and resource recovery efforts by the solid waste franchise operator.	X																				●									
84. Initiate public education and volunteer programs to reduce amount of solid waste generated, promote a clean, litter-free community, and achieve the state goal of a 25% reduction in waste going to the landfill.	X										●	●			●	●			●											

UTILITIES	Required/Recommender Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
85. Institute water conservation programs to reduce water consumption.	●						●		●											●		●								●
86. Install retrofit water conservation devices.	●																			●										●
87. Enforce mandatory water conservation efforts.	●								●			●							●	●		●								●
88. Make maximum use of available grants to reduce local costs.	X																			●										
89. Retrofit existing structures with additional insulation.	X											●							●											
90. Revise building codes to require additional insulation of walls, floors, ceilings, attics.	●											●							●											
91. Encourage energy audits.	X																	●												
92. Encourage development of energy-efficient transportation systems.	●								●			●							●			●								
CULTURAL, ARCHAELOGICAL AND HISTORICAL RESOURCES																														
93. Require on site cultural, archelogical, and historic resource analyses as part of the development review process.	●								●	●									●			●				●				
94. Nominate cultural, archeological, and historical resources for inclusion in the National Register.	●																		●			●								
95. Purchase land or obtain restrictive easements to place cultural, archeological, and historical resource sites in public possession.	X	●										●							●											

CARSON VALLEY UTILITIES	Required/Recommended Measure	California, State of	Cal Air Resources Board	Cal Department of Fish and Game	Cal Department of Parks and Recreation	Cal Department of Water Resources	Cal Regional Wtr Qlty Ctrl Bd, Lahontan Reg.	Cal Water Resources Control Board	Cal Tahoe Regional Planning Agency (CTRPA)	Caltrans	Chamber of Commerce	El Dorado, County of	El Dorado APCD	Golden Empire Health System Agency	Lake Tahoe Community College	Lake Tahoe Unified School District	Lake Valley Fire Protection District	Sierra Pacific Power Company	South Lake Tahoe, City of	South Tahoe Public Utility District	South Tahoe Refuse Company	Tahoe Regional Planning Agency	Tahoe Research Group	U.S. Bureau of Land Management	U.S. Environmental Protection Agency	U.S. Forest Service	U.S. Geological Survey	U.S. Postal Service	U.S. Soil Conservation Service	Water Service Districts
96. Monitor groundwater and irrigated runoff to ensure that land application of secondary effluent is not detrimental to surface and groundwater quality.	●						●													●										
97. Maintain reliable treatment to ensure public health protection against potential hazards from using secondary effluent for irrigation.	●						●													●										

III. MITIGATION MEASURE IMPLEMENTATION STATUS

A. INTRODUCTION

The 97 mitigation measures have been grouped according to their area of impact. For each area of impact a summary of the agency implementation statement has been provided. A number of the agencies' implementation statements cover a broad selection of mitigation measures, and therefore these selected programs have been discussed in greater detail in each Area of Impact summary.

Following the Area of Impact summary, each mitigation measure is listed with the appropriate implementation statements of the identified responsible agency.

The Mitigation Task Force, in conjunction with the EPA, developed a priortization system which assessed each measure to determine if it was mandatory (required) or optional (recommended) in order for it to be in compliance with the objectives of the EIS. The measure's priority is listed above each measure.

The complete agency implementation statements are located in Chapter V of this document.

B. WATER RESOURCES AND WATER QUALITY

Measures 1-17

Mitigation measures numbered 1 through 16 implement the "Water Quality Plan: Lake Tahoe Basin" adopted by the California, State Water Resources Control Board. Nine agencies have been identified as responsible for the implementation of the first sixteen mitigation measures and a summary of their implementation statements are listed below.

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN REGION - The adoption of the Lake Tahoe Water Quality Plan by the State Water Resources Control Board on October 29, 1980, constitutes a committment by the State Board and the Lahontan Regional Board to enforce all of the control measures set by the Lake Tahoe Basin (208) Plan. This document supersedes those portions of the Water Quality Control Plan for the North Lahontan Basin adopted by the Regional Board in 1975 where differences exist between the two documents. The portions of the 1975 Basin Plan which remain in effect include the prohibitions against discharges or threatened discharges into Lake Tahoe and its tributaries. The major responsiblities of the Regional Board under the plan include:

1. Waste discharge reconnaissance.
2. Issuance of waste discharge permits to new and existing development.
3. Enforcement of prohibitions on discharge from certain types of development.
4. Formulation of an offset policy for discharges from permitted development.

5. Participation in an interagency monitoring program.
6. Coordination and administration of grant funding for remedial erosion and drainage projects.
7. Further planning activities.

A detailed task-by-task explanation of the projected Regional Board activities is located on page IV-6J.

The Regional Board has projected its five-year staffing requirements as listed on page IV-6M, to range between 10.3 and 7.3 person-years on an annual basis over the next five years.

The State Water Resources Control Board has committed $10,000,000 from the California Clean Water and Water Bond Law of 1978, to be used as the state's share of funding for remedial erosion and runoff control projects over a twenty-year period. In addition to these funds, the U.S. Environmental Protection Agency has committed $946,000 in Clean Lakes Grant funds to be used as matching funds for the first series of remedial erosion control projects.

The Regional Board provides an ongoing program implementing the state and federal nondegradation policies in the Lake Tahoe Basin.

STATE OF CALIFORNIA - RESOURCES AGENCY, WATER RESOURCES CONTROL BOARD - The State Water Resources Control Board, in adoption of Lake Tahoe Basin Water quality Plan on October 29, 1980, made a commitment to implement the water quality control measures of the plan. The Regional Board is to enforce the controls of the plan through National Pollutant Discharge Elimination System Permits, Waste Discharge Requirements, and other orders authorized by the Porter-Cologne Water Control Act and the Clean Water Act. The plan specifies:

> "Conditions shall be set in these grants or permits to prohibit the sewerage agencies from providing any connection serving new development which is not in accordance with the plan. These conditions shall prohibit any connections serving new development in stream environment zones, in excess of land capabilities, or which is not in accord with the offset policy adopted pursuant to this plan. "

The Regional Board has allocated 2.2 person-years for the implementation of the program, with similar levels projected for the next five years.

The State Board has allocated $10,000,000 from the Clean Water and Water Conservation Bond Fund for erosion control projects at Lake Tahoe. Further, the State Board accepted a $946,932 Clean Lakes Grant to be used for erosion control at Lake Tahoe.

THE CALIFORNIA TAHOE REGIONAL PLANNING AGENCY - The 1980 CTRPA Regional Plan discusses the following measures to ensure the maintenance of the quality of water in the Lake Tahoe Basin.

1. The Plan imposes a temporary prohibitation on a development within high hazard lands and stream environment zones.
2. The Plan prohibits further subdivision within the Lake Tahoe Basin until 85% of the existing lots are used for the construction of a single family home or commercial structure.
3. The Plan requires strict adherance to the land capability system

standards and imposes restrictions on new development or expansion of marinas, ski areas and golf courses.

CTRPA Ordinances require agency review of most proposed projects providing for conditions to be imposed to protect vegetation and reduce land disturbance and grading. Best management practices are used as a guide to development within the Basin.

The CTRPA proposed 1981-82 budget and work program is allocated as follows:

a. Project review and enforcement - $180,000 - 4.6 person years.

   This budget allocation allows for the continued review of projects to ensure their consistency with CTRPA plans and ordinances and to insure compliance with best management practices and adherence to land capability standards.

b. Regional data base and threshold study - $100,000 - 25 person years.

   The agency is committed to provide assistance to the Tahoe Regional Planning Agency in development of the required environmental threshold and carrying capacity studies.

c. Environmental monitoring - $15,000 - 2.2 person years.

   The agency proposes to monitor the effects of implemented water quality control strategies.

CALTRANS - Caltrans in its letter to the State Water Resources Control Board dated May 8, 1980, commits support for the Water Quality Control Plan and implementation of the Plan's erosion control projects identified for Caltrans implementation. Programed projects for the next two years include:

a. Bliss State Park
   Slope stabilization, erosion control and drainage corrections on Route 89 in the State Park. $109,000 in FY 1979-80.
b. Rufus Allen/Route 50
   Slope stabilization, erosion control and drainage correction on Route 50 at the lake shoreline. $643,000 in FY 1980-81.
c. Route 89 - South Tahoe to Emerald Bay
   Repaving project including erosion control, slope stabilization and drainage corrections. $680,000 in FY 1981-82.
d. Route 89 - Sunnyside
   Traffic safety project includes drainage improvements and slope stabilization. $73,000 in FY 1982-83.

Further Caltrans has currently programed projects through 1982 in excess of the annual required expenditures identified in the Water Quality Control Plan to meet the State Water Resources Control Board's 20 years goals.

EL DORADO COUNTY - El Dorado County requires the approval of the California Regional Water Quality Control Board, Lahontan Region, on all building permits within the Lake Tahoe Basin, works with the Resource Conservation District on all public projects, is committed to continue to improve road-side slopes and drains on a routine basis, is committed to study the feasibility of protective cover on dirt roads and the installation of storm drains, will seek additional sources of funding to assist Lahontan in the implementation of the 208 Water Quality Control program, will work with the City of South Lake Tahoe on the update of their Genral Plan, will enforce the TRPA and CTRPA prohibitions on subdivisions, will study the closing and revegetating of dirt roads, will study restrictions on off-road vehicles, and will adopt an appropriate ordinance, as found necessary, to use best management practices on all public projects, and will continue to require special use permits for campgrounds and ski areas.

The County estimates that approximately $13,700,000 will be expended for services in the Lake Tahoe Basin during the 1980-81 budget period. The County was unable to determine at this point of time the dollars spent or the personnel committed to the Water Quality Program but will consider the mitigation measures in the preparation of the FY 1981-82 budget.

CITY OF SOUTH LAKE TAHOE - The City of South Lake Tahoe has committed $308,700 in FY 1980-81 to the enforcement and implementation of water quality control projects and programs. These programs are discussed by mitigation measure following this summary.

SOUTH TAHOE PUBLIC UTILITY DISTRICT - The STPUD uses best management practices for erosion and sediment control and has budgeted $30,000 in 1981 for the development of erosion control plans for the districts facilities. The STPUD supports the efforts of the California Water Resources Control Board and has submitted to the Lahontan Regional Board five erosion control projects for inclusion in the 1980-81 grant priority list. The district is committed to the implementation of the Heavenly Valley water tank and Cold Creek Water Shed projects and will make its best effort towards implementation of the other three projects not assigned grant funding priority.

TAHOE REGIONAL PLANNING AGENCY - The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The proposed overall work program for 1981-82 includes 1.2 person-years and $237,309 for water quality planning, 5.6 person-years and $494,426 to develop the envornmental threshold and carrying capacity program, and 3.9 person years and $119,997 for project review and enforcement.

U.S. FOREST SERVICE - The U.S. Forest Service is committed to the maintenance of high water quality as provided in their Forest Service Land Management Plan and assume responsibility for the identified water quality implementing measures as detailed in the Lake Tahoe Basin Management Unit,Forest Service Objectives for FY 1981 through 1985 as described on page IV-27 of this report.

U.S. SOIL CONSERVATION SERVICE - The U.S. Soil Conservation Service is committed to the revegetation of bare areas, the stabilization and revegetation of unstable slopes, the provision of protective cover on dirt roads, the building of roadside drains, storm sewers and drainage facilities for areas of intensive vehicular use; the use of best management practices, and restrictions on fertilizer useage.

There is currently an active application on file for a Resource, Conservation and Development project in the Lake Tahoe Basin, which is updated annually.

This is one of approximately fifty proposed projects, and to date the Secretary of Agriculture has not elected to fund this area.

Mitigation Measure No. 17, though not required under the 208 Water Quality Plan, is essential to the mitigation program. The Tahoe Research Group has been conducting monitoring of the Lake Tahoe Basin in conjunction with the California Department of Water Resources; California Regional Water Quality Control Board, Lahontan Region; California Water Resources Control Board, U.S Environmental Protection Agency; U.S. Forest Service, and U.S. Geologic Survey. This program is discussed under Mitigation Measure No. 17 following this summary.

REQUIRED MITIGATION MEASURE

1. REVEGATATE BARE AREAS.

RESPONSIBLE AGENCIES:

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS:

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Lahontan Region is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The Water Resources Control Board commitment is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan advocates revegetation projects as provided in the Lake Tahoe Basin Water Quality Plan. The staff and budget commitments are discussed in the summary of Water Resources and Water Quality on page III-1.

Caltrans

a. A letter supporting the objectives of the Lake Tahoe Basin Water Quality Control Plan was forwarded to the State Water Resources Control Board on May 8, 1980.
b. Caltrans has programmed more than the required expenditures per year specified in the Lake Tahoe Basin Water Quality Plan through the FY 1982-83. Additionally, a commitment has been made to place major

emphasis on programming erosion control projects for the period beyond FY 1982-83. The following erosion control projects were programmed in FY 1979-80: Bliss State Park, Rufus Allen/Route 50, Route 89-South Tahoe to Emerald Bay and Route 89-Sunnyside.

El Dorado County

The County requires the approval of the California Regional Water Quality Control Board on all building permits and is committed to seek funding for implementation of identified revegetation programs. Dollar commitments to this program will be considered as part of the in FY 1981-82 budget.

South Lake Tahoe

a. The City is committed to the enforcement of Section 8-6 and 32-62 of the City Code. (Requires revegetation of bare areas).
b. The City is processing an application for funds through the State Water Resources Control Board to revegetate and stabilize slopes.
c. $5,000 has been committed for the current year for ongoing projects and $39,000 has been committed for a one time project for campground revegetation.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact. The fiscal and staffing commitment of the agency are discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for revegetation of bare areas on USFS lands. Specific projects for revegetation in the "Lake Tahoe Basin by the Forest Service are discussed in the Lake Tahoe Basin Management Unit-Forest Service Objectives for FY 1981 through 1985" located on pages IV-27,d through IV-27,ii.

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and U.S. Soil Conservation District are committed to the revegetation of bare areas.

REQUIRED MITIGATION MEASURE

2. Stabilize and vegetate unstable slopes.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The Boards Commitment is discussed in the summary of Water Resorces and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan advocates the stabilization and revegetation of unstable slopes as provided in the Lake Tahoe Basin Water Quality Plan. Stablization and vegetation projects are required of all development projects reviewed by the agency. The fiscal and staffing commitments of the CTRPA are described in the summary of Water Resources and Water quality on page III-1.

Caltrans

a. A letter supporting the objectives of the Lake Tahoe Basin Water Quality Plan was forwarded to the State Water Resources Control Board on May 8, 1980.
b. Caltrans has programmed more than the required expenditures per year specified in the Lake Tahoe Basin Water Quality Plan through the FY 1982-83. Additionally, a commitment has been made to place major emphasis on programming erosion control projects for the period beyond FY 1982-83. The following erosion control projects were programmed in FY 1979-80: Bliss State Park, Rufus Allen/Route 50, Route 89-South Tahoe to Emerald Bay and Route 89-Sunnyside.

El Dorado County

a. The County is committed to working with the Tahoe Resource Conservation District on all public projects.
b. The County is committed to improve roadside slopes and drains on a routine basis.

c. The County is committed to seek funding for implementation of the Lake Tahoe Basin Water Quality Plan.
d. The staffing and fiscal commitments for the stabilization and vegetation of unstable slopes are being considered as part of the 1981-82 budget.

South Lake Tahoe

a. The City is committed to the enforcement of Sections 8-6 and 32-62 of the City Code (Requires stabilization and revegetation).
b. The City is processing an application for funds through the State Water Resources Control Board to vegetate and stabilize slopes.
c. The City has committed $15,000 towards the stabilization and vegetation of unstable slopes in the 1980-81 budget year.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The fiscal and staffing commitment for 1981-82 is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and U.S. Soil Coonservation District are committed to stabilize and vegetate unstable slopes.

REQUIRED MITIGATION MEASURE

3. Provide protective cover on dirt roads.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The California Water Resources Control Board's commitment is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan advocates remedial measures of existing problems, including restoration projects, as provided in the Lake Tahoe Basin Water Quality Plan.

The fiscal and staffing commitments of the CTRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

Caltrans

a. A letter supporting the objectives of the Lake Tahoe Basin Water Quality Plan was forwarded to the State Water Resources Control Board on May 8, 1980.
b. Caltrans has programmed more than the required expenditures per year specified in the Lake Tahoe Basin Water Quality Plan through the FY 1982-83. Additionally, a commitment has been made to place major emphasis on programming erosion control projects for the period beyond FY 1982-83. The following erosion control projects were programmed in FY 1979-80: Bliss State Park, Rufus Allen/Route 50, Route 89-South Tahoe to Emerald Bay and Route 89-Sunnyside.

El Dorado County

a. The County is commited to study the feasibility of placing protective cover on dirt roads.
b. The County is committed to seek funding for implementation of placing protective cover on dirt roads.

c. The fiscal and staffing commitments of El Dorado County to provide protective cover on dirt roads are being considered in the 1981-82 budget.

South Lake Tahoe

a. The City is committed to the enforcement of Sections 8-6 and 32-62 of the City Code dealing with revegetation of bare areas.
b. The City is processing an application to the State Water Resources Control Board to revegetate unstable slopes and bare areas.
c. The City of South Lake Tahoe has committed $1,200 to cover dirt roads in fiscal year 1981-82.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

Staffing and fiscal commitments of the TRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for providing protective cover on dirt roads on U.S. Forest Service lands.

The commitment of the U.S. Forest Service to provide protective cover on dirt roads is discussed in the "Lake Tahoe Basin Management Unit, Forest Service Objectives for Fiscal Year 1981 Through 1985" beginning on page IV-27-D.

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and U.S. Soil Conservation District are committed to the provisions of protective cover on dirt roads.

REQUIRED MITIGATION MEASURE

4. Build roadside drains.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Regional Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The Water Resources Control Board commitments are discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan supports remedial erosion control programs. The CTRPA fiscal and staffing commitments are discussed in the summary of Water Resources and Water Quality on page III-1.

Caltrans

a. A letter supporting the objectives of the Lake Tahoe Basin Water Quality Plan was forwarded to the State Water Resources Control Board on May 8, 1980.
b. Caltrans has programmed more than the required expenditures per year specified in the Lake Tahoe Basin Water Quality Plan through the FY 1982-83. Additionally, a commitment has been made to place major emphasis on programming erosion control projects for the period beyond FY 1982-83. The following erosion control projects were programmed in FY 1979-80: Bliss State Park, Rufus Allen/Route 50, Route 89-South Tahoe to Emerald Boy and Route 89-Sunnyside.

El Dorado County

a. The County is committed to improve roadside slopes and drains on a routine basis.
b. The County is committed to seeking funds for the implementation of the Lake Tahoe Basin Water Quality Plan.
c. The County's fiscal and staffing commitments are being considered in the 1981-82 budget.

South Lake Tahoe

a. The City is processing an application for funds through the State Water Resources Control Board for the stabilization and revegetation of existing unstable slopes.

b. The City is committed to continue its present budgetary commitment for 1980-81, as it has for the past five years, of $10,000 to pave street shoulders and install dry wells to reduce surface erosion.

c. The City has committed $20,000 in the 1980-81 fiscal year for dry well installation.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The staffing and fiscal commitments of the TRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for the building of roadside drains along U.S. Forest Service roads.

The commitment of the U.S. Forest Service to build road-side drains is discussed in the "Lake Tahoe Mangement Unit, Forest Service Objectives for Fiscal Year 1981 through 1985" beginning on page IV-27D.

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and U.S. Soil Conservation District are committed to the construction of roadside drains.

REQUIRED MITIGATION MEASURE

5. Storm sewers

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

Commitment of the Regional Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The Resources Control Board's commitment is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan supports remedial erosion programs and storm sewers.

The fiscal and staffing commitment of the CTRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

Caltrans

a. A letter supporting the objectives of the Lake Tahoe Basin Water Quality Control Plan was forwarded to the State Water Resources Control Board on May 8, 1980.

b. Caltrans has programmed more than the required expenditures per year specified in the Lake Tahoe Basin Water Quality Plan through the FY 1982-83. Additionally, a commitment has been made to place major emphasis on programming erosion control projects for the period beyond FY 1982-83. The following erosion control projects were programmed in FY 1979-80: Bliss State Park, Rufus Allen/Route 50, Route 89-South Tahoe to Emerald Boy and Route 89-Sunnyside.

El Dorado County

a. The County is committed to study the feasibility of protective cover on dirt roads and the installation of storm drains and to provide mitigation if funds are available.

b. The County is committed to seek additional souurces of funding for the implementation of the Lake Tahoe Basin Water Quality Control Plan.

c. The fiscal and staffing commitment for installation of storm sewers is being considered in the 1981-82 budget.

South Lake Tahoe

The City is committed to continue its present processing of grant applications before the Water Quality Control Board for an improved and expanded storm sewer system within the City. Funds were obtained for one of the projects which is now in design and will be built after May 1982.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The fiscal and staffing commitments of the TRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

U.S Forest Service

The U.S. Forest Service is committed to maintain the high quality of water within the "Lake Tahoe Basin.

Forest Service projects are discussed in the Lake Tahoe Basin Management Unit, Forest Service Objectives for Fiscal Year 1981 through 1985," beginning on page IV-7D.

U.S Soil Conservation Service

The Tahoe Resource Conservation District and U.S. Soil Conservation District are committed to the construction of storm sewers pending available funding and manpower.

REQUIRED MITIGATION MEASURE

6. Drainage facilities for areas of intensive vehicular use.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region
The commitment of the Regional Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board
The Water Resources Control Board commitment is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency
Required by the 1980 Regional Plan and enforced through project review. The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County
a. The County requires approval of the Lahontan Regional Quality Control Board on all building permits within the Lake Tahoe Basin to insure compliance with Basin Plans.

South Lake Tahoe
a. The City is committed to the continued enforcement of City Code Section 8-6, which requires on site drainage controls for multiple family and commercial construction .
b. The City is committed to the continued enforcement of the requirement set forth in Section 8-6 of the City Code for provision of protective cover such as siltation burms on private roads and driveways.
c. The City is committed to the continued enforcement of the erosion control measures provided for in Section 8-6 of the City Code and developed under the 1981 Building Allocation System.
d. The City has committed $61,000 in fiscal year 1980-81 for on-site controls including code enforcement of new construction, enforcement of siltation on roads and driveways, and enforcement of best management.

Tahoe Regional Planning Agency

The TRPA is committed to implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The fiscal and staffing commitments of the TRPA are discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for drainage facilites for areas of intensive vehicular use upon U.S. Forest Service lands.

Specific projects are outlined in the "Lake Tahoe Basin Management Unit, Forest Service Obectives for Fiscal Year 1981 through 1985," beginning on page IV-27D.

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and the U.S. Soil Conservation District are committed to the implementation of drainage facilities for areas of intensive vehicular use.

REQUIRED MITIGATION MEASURE

7. Protective Cover on Private Roads and Driveways

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

Required by the 1980 Regional Plan and enforced through project review. The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

The County requires the approval of the California Regional Water Quality Control Board, Lahontan Region on all building permits within the Basin to ensure compliance with Best Management Practices.

South Lake Tahoe

The City is committed to continue the enforcement of the requirement set forth of Section 8-6 of the City Code of provisions of protective cover such as siltation burms on private roads and driveways.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.
The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for providing protective cover on private roads and driveways located on Forest Service lands. The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management

Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and the U.S. Soil Conservation District are committed to providing protective cover on private roads and driveways.

REQUIRED MITIGATION MEASURE

8. Best management practices.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utility District
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

Required by the 1980 Regional Plan and enforced through project review. The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

The County requires the approval of the California Regional Water Quality Control Board, Lahontan Region on all building permits within the Basin to insure compliance with Best Management Practices.

South Lake Tahoe

The City is committed to continued enforcement of erosion control measures provided for in Section 8-6 of the City Code and is committed to the use of best management practices for sites to be developed under the 1981 building allocation system. An ordinance establishing the building allocation system will be adopted in February 1981, with revised best management practices adopted by May 1981. $39,000 has been allocated for enforcement in 1980-81.

South Tahoe Public Utilities District

South Tahoe Public Utility District is committed to implement best management practices for erosion and sediment control. A budget authorization of $30,000 is committed to the Soil Conservation Service for development of erosion control plans for the District's facilities.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality plan as required by the TRPA Compact.

The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for implementing best management practices on Forest Service lands.

The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D.

U.S. Soil Conservation Service

The Tahoe Resource Conservation District and the U.S. Soil Conservation District are committed to the implementation to the best management practices.

REQUIRED MITIGATION MEASURE

9. Restrictions on fertilizer use.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Soil Conservation Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

Required by the 1980 Regional Plan.The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County is requires the approval of the California Regional Water Quality Control Board, Lahontan Region, on all building permits within the Basin.
b. The County commits to work with the City of South Lake Tahoe on the update of their general plan.

South Lake Tahoe

The City has committed$2,200 addressing, within the framework of the upcoming general plan revisions or in cooperation with agencies responsible for implementation of the 208 Water Quality Plan, potential negative impacts on water quality of fertilizer usage on golf courses and similiar uses. The City commits to adopt policies and implementing ordinances by June 1981.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact. The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

The U.S. Forest Service

The Forest Service is committed to the maintenance of the high water quality of the Lake Tahoe Basin. The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

The U.S. Soil Conservation Service

The Tahoe Resource Conservation District and the U.S. Soil Conservation District are committed to implementing restrictions on fertilizer use. The District provides one-third person-years for assistance to the people of the El Dorado County portion of the Basin.

REQUIRED MITIGATION MEASURE

10. No new subdivisions.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California REgional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The 1980 Regional Plan and Urgency Ordinance prohibit new subdivisions until 85% of the existing lots have been developed. The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

The County recognizes the TRPA and CTRPA prohibitions on new subdivisions.

South Lake Tahoe

The City is committed to support, as required by law, the CTRPA prohibitions on new subdivisions, and commits to abide by the TRPA policies regarding subdivisions when CTRPA no longer has jurisdiction.

Tahoe Regiona Planning Agency

a. The TRPA is committed to the implementation of the Lake Tahoe Quality Plan as required by the TRPA Compact.
b. The TRPA is commited to the enforcement of the CTRPA subdivision restrictions as required by Compact amendments.
c. The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

REQUIRED MITIGATION MEASURE

11. Construction prohibited on high erosion hazard lands, in stream environment zones, and in excess of land capability.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Regional Water Qualite Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Board

The 1980 Regional Plan and Urgency Ordinance implements this measure. The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County continues to require the approval of the California Regional Water Quality Control Board, Lahontan Region, on all building permits within the Basin to insure compliance with the adopted Water Quality Plan.
b. The County is committed to seeking additional sources of funding to assist in the implementation of the 208 program.

South Lake Tahoe

The City is committed, as an interim measure for the 1981 building season, to support the Calif. Tahoe Regional Planning Agency's prohibition on development on stream environment zones, and commits to abide by Tahoe Regional Planning Agency's policies when CTRPA no longer has jurisdiction. The City will draft an allocation ordinance consistent with the prohibition as required by law, which will be considered in February, 1981, and will implement that ordinance in March, 1981, in a manner consistent with the City's legal obligations. The City allocated $3,100 for the drafting of the Allocation Ordinance in 1980. The City will continue its present program of review of developmental proposals based on the 100 Year Club Plan.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact. The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

REQUIRED MITIGATION MEASURE

12. Construction is prohibited unless offset by remedial projects.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utility District
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

CTRPA ordinances require review of most projects. Conditions may be imposed to protect vegetation and reduce land disturbance. Best management practices are to be used as a guide.

The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County requires the approval of the Calif. Regional Water Quality Control Board, Lahontan Region, on all building permits within the Basin.
b. The County is committed to seeking additional sources of funding to assist in the implementation of the 208 program.

South Lake Tahoe

The City is committed to continue processing four current applications to the Water Quality Control Board for remedial erosion and drainage control projects, to offset the effects of new construction. If these funds are available, design and construction could take place in 1981.

The Vista View Erosion Control Project is scheduled in 1981, a cooperative project with Caltrans. The City's share of the project is $143,500.

South Tahoe Public Utility District

The South Tahoe Public Utility District supports the efforts of the

Calif. Water Resources Control Board to implement immediate remedial erosion projects. The Utility District has submitted to the Lahontan Board five erosion control projects for inclusion in the 1980-81 grant priority list. The Heavenly Valley Water Tank and Cold Creek Water Shed projects received "A" priority ratings by the Lahontan Board. The Utility District is committed to the implementation of these two projects. The Utility District will make its best efforts to implement the other three projects not assigned grant funding priority.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

REQUIRED MITIGATION MEASURE

13. Close and vegetate unneeded dirt roads.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

1980 Regional Plan advocates remedial measures of existing problems including funding restoration of projects as provided by the State Water Resources Control Board 208 plan.

The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County is committed to seek additional sources of funding to assist in the implementation of the 208 program.
b. The County is committed to study the closure and revegetation of unneeded dirt roads and to provide funding for such closure if it is found to be necessary and funds are available.

South Lake Tahoe

The City is committed to continue its present review of applications for abandonment of unimproved dirt roads and the requirement for their revegetation as a condition of approval of such abandonments. The City commits to review the Circulation Element of the General Plan to develop policies and implementation measures for the abandonment and revegetation of unneeded dirt roads within the City by June, 1982 and has allocated $3,200 for processing applications of abandonment.

Tahoe Regional Planning Agency

The TRPA is committed to the implementataion of the Tahoe Basin Water

Quality Plan as required by the TRPA Compact.
The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service
The U.S. Forest Service assumes responsibility for the closure and revegetation of unneeded dirt roads.
The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

REQUIRED MITIGATION MEASURE

14. Restrict off-road vehicles to designated areas and trails.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

This measure is implemented by the water quality element of the 1980 Regional Plan.
The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County is committed to seeking additional sources of funding to assist in the implementation of the 208 program.
b. The County is committed to study restrictions of all off-road vehicles and to adopt appropriate ordinances if such restrictions are found to be necessary.

South Lake Tahoe

The City is committed to continue prohibition of off-road vehicle use except in areas specifically designated for such vehicles. $4,700 is allocated for this measure in the 1980 budget.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.
The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service has assumed the responsibility for restricting

off-road vehicles to designated areas and trails.
The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27 D

REQUIRED MITIGATION MEASURE

15. Best management practices for campgrounds, ski areas, tree removal, and livestock grazing and confinement.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water Resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

Implemented by 1980 Regional Plan Water Quality element.
The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County is committed to seeking additional sources of funding to assist in the implementation of the 208 Water Quality program.
b. The County is committed to the use of best management practices on all public projects.
c. The County is committed to continue to require special use permits for new campgrounds and ski areas and the expansion of existing ones.
d. The County requires approval of all building permits by CRWQCB, Lahontan Region.

South Lake Tahoe

The City is committed to the use and enforcement of best management practices on City projects and forest areas and will address negative impacts, if any, of City campground expansion and undertake mitigation measures required. The City has an annual allocation of $3,000 for forest management and a $10,000 campground project in 1981.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.
The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service has assumed responsibility for the implementation of best management practices for campgrounds, ski areas, tree removal, and livestock grazing and confinement.
The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

REQUIRED MITIGATION MEASURE

16. Restrictions on campground expansion.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
El Dorado Count
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Water resources Control Board

The commitment of the Board is discussed in the summary of Water Resources and Water Quality on page III-1.

California Tahoe Regional Planning Agency

The Regional Plan and Land Use Ordinance requires review of all campground expansions.

The staffing and fiscal commitment of the CTRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

El Dorado County

a. The County is committed to seeking additional sources of funding to assist in the implementation of the 208 Water Quality program.
b. The County is committed to continue to require special permits for new campgrounds and ski areas and the expansion of existing ones.

South Lake Tahoe

The City is committed to the use and enforcement of best management practices on City projects in forest areas and will address the negative impacts, if any, of City campground expansion, and undertake mitigation measures for any such expansion.

Tahoe Regional Planning Agency

The TRPA is committed to the implementation of the Lake Tahoe Basin Water Quality Plan as required by the TRPA Compact.

The staffing and fiscal commitment of the TRPA is discussed in the summary of Water Resources and Water Quality on page III-1.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for the restrictions on campground expansion as follows: the adopted Land Management Plan for the Lake Tahoe Basin Management Unit stresses that the general public should be free to utilize its fair-share of the Basin's capacity. The plan proposes development of additional campgrounds, but only when they are environmentally compatible.
The commitment of the U.S.F.S is discussed in the "Lake Tahoe Management Unit, Forest Service Objectives for Fiscal Year 1981-1985" beginning on page IV-27-D

RECOMMENDED MITIGATION MEASURE

17. Monitor water quality to document changes in physical, chemical, and biological characteristics of basin waters.

RESPONSIBLE AGENCIES

California Department of Water Resources
California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
Caltrans
Tahoe Research Group
U.S. Environmental Protection Agency
U.S. Forest Service
U.S. Geological Survey
Water Service Districts

AGENCY STATEMENTS

California Department of Water Resources:

The Department participates in an interagency water quality monitoring program in the Lake Tahoe Basin. The purpose of the program is to provide water qualify information needed by the participants. While it is presently anticipated that the program would continue indefinitely, the extent and continuance of the program are dependent upon the needs of the participants. The following agencies are current participants in the Interagency Program:

California State Agencies

Department of Transportation
Department of Water Resources
State Water Resources Control Board
University of California at Davis,
Tahoe Research Group

U.S. Government Agencies

Forest Service
Geological Survey
Environmental Protection Agency

Under the Interagency Program, the Department began monitoring in August 1979. The Department's part of the program consists of sampling four deep lake stations each May, August, and September. A description of the work performed and samples collected will be found in the attached work instructions. (Refer to page IV-5C 1980 work statement.)

Letter to Anders Hauge from Wayne MacRostie, Dept of Water Resources dated November 4, 1980.

California Regional Water Quality Control Board, Lahontan Region

The California Regional Water Control Board, Lahontan Region, is committed to monitoring the water quality to document changes in physical, chemical, and biological characteristics of Basin waters as discussed under Item 1, above. In addition, the Regional Board is committed to an intense surveillance and monitoring program of waste discharge will begin no later than January 1, 1981. The purpose of this program is to identify, locate, and evaluate specific waste discharge problems in the California portion of the Lake Tahoe Basin. This program will be closely tied to the Regional Board's regulatory and enforcement program. The program will focus on the collection of water quality samples at specific locations during runoff events. (See page IV-6C).

California Water Resources Control Board

The Calif. Water Resources Control Board is committed to the monitoring of water quality in Lake Tahoe based on as discussed in Item 1, above.

Caltrans

A letter supporting the objectives of the Lake Tahoe Basin Water Quality Plan was forwarded to the State Water Resources Control Board on May 8, 1980, and their participation is discussed in Item 1, above.

Tahoe Research Group

The Tahoe Research Group provides the implementation of the water quality monitoring program as discussed in Item 1, above.

U.S. Environmental Protection Agency

The USEPA supports the monitoring of water quality in the Lake Tahoe Basin as discussed in Item 1, above, through various grant programs.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for the monitoring of water quality on Forest Service lands and their participation is described in Item 1, above.

U.S. Geological Survey

The USGS is committed to the monitoring of the water quality of the Lake Tahoe Basin as discussed in Item 1, above.

Water Service Districts

The Angora Water Company, the South Tahoe Public Utility District, the Tahoe Keys Water Company, and the Tahoe Paradise Water and Gas Company are committed to the monitoring of water quality to document changes in the physical, chemical, and biological characteristics of the Basin water as mandated by State and Federal requirements.

C. GEOLOGY AND SOILS

MEASURES 18 AND 19

The City of South Lake Tahoe and El Dorado County enforce the 1979 Uniform Building Code. The City's 1980 budget allocated $319,000 for code enforcement. El Dorado County continues to maintain a level equivelent to two person-years for review and enforcement of the project pursuant to the building code.

In 1981 Building Permit Allocation System adopted by the California Tahoe Regional Planning Agency, City of South Lake Tahoe, and El Dorado County prohibit the development on lands classified 1, 2, or 3, which include unstable soils. The City of South Lake Tahoe, El Dorado County, and CTRPA have adopted elements to their General Plan which address development in fault zones and unstable soils. The Plans are implemented on a case-by-case basis during project review.

The Tahoe Regional Planning Agency prohibits development within stream environment zones and land capabilities 1, 2, and 3 which is enforced on a case-by-case basis at the time of project review. The TRPA has proposed a budget and work program which commits 5.6 person-years and $494,426 to the development of the environmental threshold and carrying capacity program. The Agency has also proposed that 3.9 person-years and $119,977 be allocated for project review to ensure compatibility with the site.

REQUIRED MITIGATION MEASURES

18. Enforce pertinent building codes.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

a. The County is committed to the continued enforcement of building codes within the Basin and has committed 2 person years to this task.
b. The County is committed to considering the adoption of a new County-wide grading ordinance.
c. Funding for this task will be considered as part of the County's 1981-82 budget.

South Lake Tahoe

The City is committed to the enforcement of the 1979 Uniform Building Code provisions adopted by the city regarding geology and soils through the Building and Safety Department and its 1980-81 budget of $319,000 for support staff.

REQUIRED MITIGATION MEASURES

19. Implement land use controls to prevent development on known fault zones and unstable soils susceptible to major seismic disturbance.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The adopted 1980 Regional Plan:

- restricts future development to areas with the least potential for disturbance by natural hazards.
- states that areas of seismic instability shall be avoided for future development.
- hazardous areas shall be clearly mapped by type and severity of problems.

CTRPA's Urgency Ordinance prohibits all development within stream environment zones and land capabilities 1, 2 and 3.

The proposed 1981-82 budget allocates $180,000 for project review and enforcement and $100,000 for development of the TRPA regional data base and threshold study.

El Dorado County

The County is committed to continue to implement the seismic safety element of the General Plan on discretionary commercial, industrial, and multifamily projects. A portion of two person years has been allocated to this measure.

South Lake Tahoe

The City is committed to the updating of the Seismic Safety Element of the General Plan, and will address therein appropriate mitigation and control measures regarding developmment on fault zones and unstable slopes and will adopt appropriate control measures by June, 1982.

Tahoe Regional Planning Agency

Will adopt environmental threshold carrying capacities for the region within 18 months of the effective date of the proposed compact (H.R. 8235) and one year thereafter adopt its amended Regional Plan.

The 1981-82 budget proposed 5.6 person years/$494,426 for development of environmental thresholds and 3.9 person years/$119,977 for project review and enforcement.

D. BIOLOGY

MEASURES 20 - 23

The biological measures are intended to protect valuable moist habitats, active Osprey and Peregrine Falcon nests, rare and endangered plants, and on-site vegetation and habitat from the impacts of development. The responsible agencies implement these measures on a case-by-case basis at such time as a development is proposed and reviewed by each agency. The Lake Tahoe Basin Water Quality Plan prohibits all construction in or immediately off shore of biologically important stream inlets and prime fish habitat areas. The CTRPA Regional Plan requires the protection of rare and endangered species, important habitat areas, and native vegetation. The U.S. Forest Service requires that development on its lands complies with its Land Management Plan and retains a wildlife specialist to review development proposals. The Tahoe Regional Planning Agency is developing environmental thresholds to be adopted by June 1982 as outlined in the Agencies overall work program found on page IV-22L. The adoption of a General Plan as required by the TRPA's Compact is required by June 1983, which will implement controls to ensure that the thresholds are not exceeded.

REQUIRED MITIGATION MEASURE

20. Inventory, monitor, and, if necessary, control recreational use of meadows, bogs, aspen groves, and other valuable moist habitats in accordance with guidelines and management plans of the U.S. Forest Service and State Departments Of Fish and Game to protect valuable and rare or endangered plants and wildlife.

RESPONSIBLE AGENCIES

California Department of Fish and Game
California Regional Water Quality Control Board, Lahontan Region
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENT

California Department of Fish and Game
The Department is committed to work closely with the governmental agencies within the Lake Tahoe Basin to protect the natural resources within the Lake Tahoe Basin.

California Regional Water Quality Control Board, Lahontan Region
Enforces Lake Tahoe Basin Water Quality Plan (208 Plan) which prohibits all construction in or immediately offshore of biologically important stream inlets and prime fish habitat areas.
The Lahontan Board has budgeted 5.3 person years per year for the next two years and from 3.5 to 5.0 person years for the following 3 years.

South Lake Tahoe
The City is committed to support the U.S. Forest Service and other agency efforts to inventory, monitor, and if necessary, draft control measures for recreational use of meadows, bogs, aspen groves, and other valuable habitats in accordance with the management plans of the U.S. Forest Service and State Fish and Game Departments. Such issues will also be addressed through the update of the conservation element of the City's General Plan scheduled for completion by June, 1982.
The 1980-81 budget expended $6,1000 for U.S. Forest Service Management Plans and $350 for the conservation element.

Tahoe Regional Planning Agency
The TRPA is committed to the development and adoption of environmental thresholds by June, 1982, and the subsequent development and adoption of a General Plan to implement these thresholds by June, 1983, which will address the monitoring and control of recreational uses in sensitive areas.
In 1981-82 TRPA is budgeting 5.6 person-years and $494,426 towards development and adoption of these environmental thresholds.

U.S. Forest Service

The U.S. Forest Service assumes the responsibility for inventorying, monitoring and if necessary, controlling the recreational use of sensitive areas within the Lake Tahoe Basin.

REQUIRED MITIGATION MEASURES

21. Protect active Osprey and Peregrine Falcon nests from disturbance.

RESPONSIBLE AGENCIES

California Department of Fish and Game
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service.

AGENCY STATEMENT

California Department of Fish and Game

The Department is committed to working closely with the Lake Tahoe Basin governmental agencies in order to protect the natural resources within the Lake Tahoe Basin.

California Tahoe Regional Planning Agency

1980 Regional Plan states:

-rare and endangered species shall be protected.
-important habitat areas should be identified and protected.

The CTRPA enforces this measure through project review and has allocated a portion of 4.6 person years/$180,000 in the 1981-82 fiscal year.

El Dorado County

The County is committed to continue to protect endangered plants and animals and their habitats on all discretionary projects.

South Lake Tahoe

The City is committed to incorporating within its General Plan Conservation Element, to be updated by June, 1982, specific provisions to protect active Osprey and Peregine Falcon nests and to continue use of the California Environmental Quality Act to protect endangered species, if any, as required by law.

In 1980-81 the City allocated $350 for the completion of the conservation element.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1981, and the development and adoption of a general plan to implement these thresholds by June 19, 1983, as required by the Compact.

The 1981-82 TRPA budget includes 5.6 person-years staff time and $494,426 to develop and adopt the environmental thresholds.

U.S. Forest Service

The U.S. Forest Service assumes responsibility for the protection of active Osprey and Peregrine Falcon nests from disturbance which are locate on Forest Service lands.

REQUIRED MITIGATION MEASURE

22. Require surveys of rare and endangered plants for development proposals, and require measures to minimize impacts.

RESPONSIBLE AGENCIES

California Department of Fish and Game
California Tahoe Regional Planning Agency
Tahoe Regional Planning Agency
U.S. Bureau of Land Management
U.S. Forest Service

AGENCY STATEMENTS

California Department of Fish and Game:
The Department is committed to working closely with Lake Tahoe governmental agencies to protect the natural resources within the Lake Tahoe Basin.

California Tahoe Regional Planning Agency
1980 Regional Plan requires native vegetation to be protected enforced pursuant to CTRPA's Land Use Ordinance. The CTRPA has proposed a portion of 4.6 person-years/$180,000 be allocated for project review and enforcement in fiscal year 1981-82.

Tahoe Regional Planning Agency
The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of general plan amendments to impliment the threshold studies by June 19, 1983. The 1981-82 TRPA budget sets forth 5.6 person-years staff time and $494,426 to develop and adopt the environmental thresholds.

U.S. Bureau of Land Management
Survey published in 1979, "Field Search for Rare plants in the Reno E.S. Area" conducted by Rangeland Resources International, Inc.

U.S. Forest Service
The Forest Service assumes responsibility for the implementation of the required surveys of rare and endangered plants for development proposals and required measures to minimize these impacts including the retention of a wildlife specialist on an ongoing basis within the Tahoe Basin unit whose responsibility it is to review development proposals.

REQUIRED MITIGATION MEASURE

23. Require construction and maintenance projects to include measures to protect vegetation and habitat.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Tahoe Regional Planning Agency
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region
Enforces Lake Tahoe Basin Water Quality Plan (208).
The Regional Board has allocated 5.3 pearson-years for enforcement in the next two years and allocated from 3.5 to 5.0 person-years for the following three years.

California Tahoe Regional Planning Agency
1980 Regional Plan requires that native vegetation be protected.
The CTRPA enforces this measure through project review and has budgeted a portion of 4.6 person-years and $180,000 in fiscal year 1981-82.

Tahoe Regional Planning Agency
The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a general plan to implement the thresholds by June 19, 1983 as required by the TRPA Compact.
The TRPA budget for 1981-82 lists 5.6 person-years staff time and $494,426 to develop and adopt these environmental thresholds.

U.S. Forest Service
The Land Management Plan requires protection of vegetation during construction and maintenance programs enforced on a project by project basis.

E. NOISE

MEASURES 24 - 26

The mitigation of noise impacts is implemented through project review and enforcement by the responsible agencies. The CTRPA's 1980 Regional Plan establishes noise limits for the California portion of the Basin. The County of El Dorado requires compliance of descretionary projects in commercial areas with the County's Noise Element of the General Plan under special use permit provisions of the County Zoning Ordinance and regulates at the Tahoe Airport in compliance with CTRPA standards. The City of South Lake Tahoe is committed to updating its General Plan to include a Noise Element which will address the existing standards and proposed standards of the TRPA and is committed to continuing its program of amortization of noncomforming land uses at the time of project review. The Tahoe Regional Planning Agency enforces the Tahoe Regional Planning Agency's Noise Element until such time as the TRPA completes its development of environmental thresholds and implementing ordinances.

REQUIRED MITIGATION MEASURE

24. Adopt and enforce a noise control ordinance

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The Noise Element and Transportation Element of 1980 Regional Plan sets the noise limits for California portion of the Basin.

In 1981-82 CTRPA will spend .2 person-years and $15,000 on monitoring of transportation related noise and a portion of 4.6 person-years and $180,000 for determenation of compliance through project review.

El Dorado County

a. The County is committed to continue implemention of the Noise Element of the general plan on all descretionary projects.

b. The County is committed to continue to regulate noise at the Tahoe Airport and to complete and implement the master plan and ANCLUC study.

c. The Environmental Health Department will contribute three person-years in 1981-82 to adopt and enforce a noise control ordinance.

South Lake Tahoe

a. The City is committed to updating its General Plan, including the Noise Element. The City is committed to address the standards and data TRPA and other regional agencies in revising its noise element, and to adopting appropriate ordinances to implement the revised plan element by June, 1982. The City will continue to place conditions of approval on discretionary projects to limit noise impacts.

b. The City is committed to continue its program under Section 32-63 through 32-78 of the City Code regarding amortization of non-comforming land uses and its program of evaluating noise impacts through CEQA process and imposing appropriate mitigation measures upon discretionary projects.

c. In completing the Noise Element, the City is spending $1,500 for study coordination with the County; on amortization of non-conforming uses the City allocated $350 in 1980-81.

Tahoe Regional Planning Agency

a. The TRPA is committed to enforce the CTRPA Noise Element as applicable under the provisions of the TRPA Compact amendments.

b. The TRPA is committed to the development of environmental thresholds for noise and the development and adoption of general plan amendments to implement these stated thresholds by the TRPA Compact.
c. The 1981-82 TRPA budget provides for 5.6 person-years of staff time and $494,426 to develop and adopt the environmental thresholds by June 1982.

RECOMMENDED MITIGATION MEASURE

25. Revise zoning ordinances to prevent incompatible land uses.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

Noise Element of the 1980 Regional Plan requires review of noise impacts during project review.
In 1981-82 CTRPA will spend .2 person-years and $15,000 on monitoring of transportation related noise.

El Dorado County

The County is committed to use a special use permit provisions of the County Zoning Ordinance and CEQA to prevent incompatible uses. Two years are allocated for code enforcement and project review.

South Lake Tahoe

The City is committed to continue its program under Section 32-63 through 32-78 of the City Code regarding amortization of non-conforming land uses and its program of evaluating noise impacts through the CEQA process and imposing mitigation measures upon discretionary projects.
In 1980-81, $350 will be expended on this program.

Tahoe Regional Planning Agency

a. The TRPA is committed to enforce the CTRPA Noise Element as applicable under provisions of the TRPA Compact amendments.
b. The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of general plan elements to implement these thresholds by June 19, 1983.
c. The 1981-82 TRPA budget provides for 5.6 person-years of staff time and $494,426 to develop and adopt the environmental thresholds.

RECOMMENDED MITIGATION MEASURE

26. Establish special permit procedures to implement noise reduction measures.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The Noise Element of 1980 Regional Plan requires review of noise impacts in project review and restricts and prohibits certain types of noise. Further, the Element limits noise levels by the type of use zone.
The proposed 1981-82 budget allocates a portion of 4.6 person-years and $180,000 for project review and code enforcement.

El Dorado County

The County is committed to use a special use permit provisions of the County Zoning Ordinance and CEQA to prevent incompatible uses.
Two man years are allocated for project review.

South Lake Tahoe

The City is committed to continue its program under Section 32-63 through 32-78 of the City Code regarding amortization of non-conforming land uses and its program of evaluation noise impacts through the CEQA process and imposing appropriate measures upon discretionary permits.
Staff time and $350 in funds will be expended on this program in 1980-81.

Tahoe Regional Planning Agency

a. The TRPA is committed to enforce the CTRPA Noise Element as applicable under provisions of TRPA Compact amendments.
b. The TRPA is committed to the development and adoption of environmental thresholds for noise by June 19, 1982, and the development and adoption of general plan amendments to implement the identified threshold by June 19, 1983.
c. The 1981-82 TRPA budget provides for 5.6 person-years of staff time and $494,426 to develop and adopt the environmental thresholds.

F. METEOROLOGY AND AIR QUALITY

MEASURES 27 - 64

The Meteorology and Air Quality section measures 27 - 64 implement the "Lake Tahoe Basin Control Stragety for the Attainment and Maintenance of Ambient Air Quality Standards" as adopted by the California Air Resources Board.

The Lake Tahoe Basin was designated a Non-Attainment Area because of its violation of national carbon monoxide standards during 1977 and 1978. It was determined by the California Air Resources Board that the problem is caused by motor vehicles operating in the Lake Tahoe Basin. And it is for this reason that the primary emphasis of the mitigation program is on transportation measures.

The Lake Tahoe Basin Transportation Authority was created by the local jurisdictions as a means to consolidate management and resources for the implementation of an intensive bus system. Soon after the formation of the TBTA, the new TRPA Compact was signed by the president, which formed the Tahoe Basin Transportation District with responsibility to implement the transportation plans of the Tahoe Regional Planning Agency. The local jurisdictions, TBTA and TTD are currently working closely together to ensure the coordinated development of an intensive bus program.

The Tahoe Transportation District has committed itself to support the development of an intensive bus program as a short-range transportation improvement until a long-range transportation plan can be developed by the TRPA. It is anticipated that the planning process of the TRPA will be completed in 1983. The TTD has adopted a short-range work plan which commits ti the coordination and integration of efforts of all member agencies to finance and implement transportation measures which are consistent with the adopted Basin wide plans. (See IV-24J). It is anticipated that the Tahoe Transportation District will be the primary implementor of the Transportation Measures of the Non-Attainment Plan. Until such time as the Tahoe Transportation District takes a lead in the implementation of these measures, the City of South Lake Tahoe, El Dorado County, and Douglas County will continue to work under the Tahoe Basin Transportation Authority to operate and expand the existing transportation system within the South Lake Tahoe area.

The Clean Air Act passed by Congress in 1970 requires the Lake Tahoe Air Basin to comply with the National Ambient Air Quality Standards by 1986 as provided by the State Implementation Plan (SIP). To compel compliance with the planning and implementation mandates, the Clean Air Act provides for sanctions which primarily focus on Federal grant assistance. The California Air Resources Board and Environmental Protection Agency must determine that there has been substantial compliance or substantial progress toward implementation of the SIP in order for grant funds to be released.

REQUIRED MITIGATION MEASURE

27. Inspection/Maintenance.

RESPONSIBLE AGENCYIES

State of California

AGENCY STATEMENT

State of California

This mitigation measure requires an action of the State Legislature which has not occurred to date.

The following agencies support an inspection and maintenance program for the Tahoe Basin:

California Tahoe Regional Planning Agency
El Dorado County
The City of South Lake Tahoe
The Tahoe Regional Planning Agency
The Tahoe Transportation District

REQUIRED MITIGATION MEASURE

28. Reduce cold start conditions.

RESPONSIBLE AGENCIES

California Air Resources Board
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

California Air Resources Board

The Air Resources Board is committed to Resolution 79-37 which implements Lake Tahoe control strategy adopted in May of 1979. A full-time staff person is assigned to monitor and research conditions in the Basin.

El Dorado County

The County has committed staff time and supplied information to study the reduction in cold start conditions, traffic flow improvements, traffic movement control, rail transit, priority treatment for car pools, parking supply and management, and a parking surcharge.

South Lake Tahoe

The City is committed to providing staff time to support other agencies' efforts to further study measures to reduce cold start emissions, by June, 1981. The City also commits to updating the housing element of the general plan by June, 1981, to consider mitigation methods such as covered parking.

REQUIRED MITIGATION MEASURES

29. Traffic flow improvement.

RESPONSIBLE AGENCIES

Caltrans
El Dorado County
South Lake Tahoe
Tahoe Transportation District

AGENCY STATEMENTS

Caltrans

The State Transportation Improvement Program (STIP) adopted by the California Transportation Commission lists three projects that will aid traffic flow in the South Tahoe Basin. Projects include the Route 50-upper Truckee River Bridge replacement, Route 50-separate bike-way from Route 89 to north to Tulare Avenue, Route 89-overlay, and elimination of parking movement maneuvers in the State Highway right-of-way.

El Dorado County

The County is committed to provide staff time and file information to study traffic flow improvements. The Public Works Department's 26 employees will be directly involved in the study.

South Lake Tahoe

The City is committed to implementation of projects to improve traffic flow after approval by responsible regional agencies has been obtained. With such approvals several of these projects, as identified in the Transportation Improvement Program, can be funded and completed during the 1981-82 fiscal year. The City has budgeted $13,700 for such projects.

Tahoe Transportation District

The District is committed to the coordination and integration of all member agencies to implement measures consistent with the adopted basinwide plans.

REQUIRED MITIGATION MEASURE

30. Reversible bus lanes.

RESPONSIBLE AGENCIES

Caltrans
Tahoe Transportation District

AGENCY STATEMENTS

Caltrans

Reversible bus lanes on Route 89 are being studied.

Tahoe Transportation District

The District is committed to the coordination and integration of efforts of its member agencies which are consistent with adopted basinwide plans.

REQUIRED MITIGATION MEASURE

31. Driver Advisories.

RESPONSIBLE AGENCIES

Caltrans
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

Caltrans

Caltrans provides a changeable message sign which posts highway conditions at Meyers as well as driver advisory signs at chain-up points. Caltrans also provides road advisory information by phone through the California Highway Information Network. Caltrans will continue these programs.

El Dorado County

The County is committed to working on an ongoing basis with the other Basin agencies to update traffic advisories.

South Lake Tahoe

The City is committed to the continued assistance and support to the California Highway Patrol, the Visitors Bureau and Caltrans in implementing driver's advisories. The City has budgeted $38,000 for the purpose of implementing driver's advisories in the 1980-81 fiscal year.

REQUIRED MITIGATION MEASURE

32. Loading Regulations.

RESPONSIBLE AGENCIES

Caltrans
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

Caltrans

Caltrans is committed to prohibiting parking along Highway 50 and will condition the issuance of encroachment permits prohibiting parking maneuvers on the highway right-of-way.

El Dorado County

The County is committed to continued enforcement of Zoning Ordinance provisions pertaining to onsite parking and loading spaces. Two person-years are allocated for project review.

South Lake Tahoe

The City is committed to continue its present requirements for loading space under Section 32-45 of the City Code for new commercial and industrial develop. The City has budgeted $2,400 for this purpose for the 1980-81 fiscal year.

REQUIRED MITIGATION MEASURE

33. Staggered work and/or operations hours.

RESPONSIBLE AGENCIES

California Air Resources Board
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utitlity District
Tahoe Regional Planning Agency
U.S. Forest Service
U.S. Geological Survey

AGENCY STATEMENTS

California Air Resources Board

The California Air Resources Board is committed to the implementation of staggered work periods and/or hours of operation pursuant to the adoption of the Non-Attainment Plan in May of 1979.

California Tahoe Regional Planning Agency

The CTRPA Regional Plan recommends measures to improve, integrate, and encourage the use of public transportation, reduce the need for travel, encourage use of non-motorized transportation modes, encourage ride sharing, improve roadway operations, and to improve the maintenance of transportation facilities.

El Dorado County

The County is committed to, where feasible, allow staggered work hours to reduce peak hour loading on the roads.

South Lake Tahoe

The City is committed to continue its present program of staggered work hours for police, fire, recreation, and some public works staff. Staff time to support other agencies' further study of the feasibility of incentives for staggered work hours has also been committed and $1,100 has been budgeted for this purpose.

South Tahoe Public Utilities District:

The Utility District has implemented 12-hour shifts for sewer plant operators and 10-hour shifts for water and water maintenance personnel. This action reduces the number of trips per week for District employees.

Tahoe Regional Planning Agency

The TRPA is committed, as required by its TRPA Compact, to review California development proposals for conformance with the California Air Resources Board Non-attainment Air Quality Plan. The 1981-82 proposed budget allocates $339,862 for project review.

U.S. Forest Service

Approximately 15 people at the Forest Service office work on staggered daily work shifts. Many others have staggered work weeks and report directly to their field work stations without coming to a central location.

U.S Geological Survey

Designated regular hours are 7:30 a.m. to 4:00 p.m.. This work schedule was selected to minimize traffic problems.

REQUIRED MITIGATION MEASURE

34. Snow removal procedure.

RESPONSIBLE AGENCIE

Caltrans
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

Caltrans

Caltrans is currently using approved snow removal procedures on Highway 50.

El Dorado County

The County is committed to working with the other Basin agencies and Caltrans on the improvement of the snow removal procedures. The 26 employees assigned to the County's Public Works Department are directly involved in the project.

South Lake Tahoe

The City is committed to continue its present snow removal procedures to facilitate efficient costs and through traffic movement. The City has budgeted $145,000 for such snow removal procedures in the 1980-81 fiscal year.

REQUIRED MITIGATION MEASURE

35. Traffic movement control.

RESPONSIBLE AGENCIES

Caltrans
El Dorado County
South Lake Tahoe City

AGENCY STATEMENTS

Caltrans

Caltrans makes a conscientious effort to ensure that traffic flow is not hindered by highway construction and maintenance. Caltrans is also careful not to schedule work during the period of peak summer travel between July 15 and Labor Day.

El Dorado County

The County is committed to providing staff time and information to study traffic movement control. The time and dollar allocations will be considered in the 1981-82 budget.

South Lake Tahoe

The City has recently completed a traffic safety plan that identifies desireable improvements and has budgeted $15,000 for such improvements in the current fiscal year.

REQUIRED MITIGATION MEASURE

36. Idling restrictions (Drive-Up Windows).

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA prohibits drive-up windows.

El Dorado County

The County is committed to continue to recognize CTRPA's prohibition on drive-up windows. Two person-years are allocated for project review.

South Lake Tahoe

The City is committed through the update of the Land Use Element of the General Plan to this goal. The City will consider by June 1982, an amendment to the Zoning Ordinance prohibiting drive-up windows. As an interim measure, it will support the CTRPA restriction on drive-up windows.

Tahoe Regional Planning Agency

The TRPA commits as required by the TRPA Compact, to review California developmental proposals for conformance with the California Air Resources Board Non-attainment Air Quality Plan. The proposed 1981-82 budget allocates $399,862 for project review.

REQUIRED MITIGATION MEASURE

37. Parking location control.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Regional Plan and adopted agency policies require adequate on-site parking.

El Dorado County

The County is committed to continue to enforce the zoning ordinances pertaining to outside parking and loading spaces. Two person-years are allocated for project review.

South Lake Tahoe

The City is committed to continue its present program of prohibiting on street parking where it interferes with the efficient flow of traffic. The City has budgeted $32,000 for this program.

REQUIRED MITIGATION MEASURE

38. Parking supply management.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The Transportation Element of the CTRPA Regional Plan recommends strong measures to improve, integrate and encourage use of public transportation, reduce the need for travel, encourage the use of non-motorized modes, encourage ride sharing, improve roadway operations, and improve maintenance and transportation facilities to help restore air quality. The agency's proposed 1981-82 budget allocates two person-years and $100,000 for the Regional data base threshold study.

El Dorado County

The County is committed to providing staff time and file information to study parking supply management. The time and dollar allocation is being considered in the 1981-82 budget process.

South Lake Tahoe

The City is committed to investigate the feasibility of parking supply management programs within the City by September, 1981. This will include, but is not necessarily limited to a parking program for the Heavenly Valley Ski area which will mitigate negative impacts on surrounding residential areas. Staff time will be committed to provide input to other agencies in their study of parking supply management. The City has budgeted $1,200 of staff time for this purpose.

Tahoe Regional Planning Agency

The TRPA is committed, as required by the TRPA Compact, to review California development proposals for conformance with the California Air Resources Board Non-attainment Air Quality Plan. The proposed 1981-82 budget allocates $399,862 for project review.

REQUIRED MITIGATION MEASURE

39. Parking operations.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County is committed to continue to provide controlled parking at the South Lake Tahoe airport. The Airport Master Plan proposed by the County will address controlled parking. A portion of 14 person-years are allocated to this measure.

South Lake Tahoe

The City is committed to continue its current program of imposing conditions of approval upon discretionary commercial projects including the use of "lotfull" signs and valet parking. Six thousand dollars ($6,000) has been budgeted to continue this program.

REQUIRED MITIGATION MEASURE

40. Peripheral parking facilities.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA Regional Transportation Plan commits the agency to implementing peripheral parking facilities. Funding is not committed to this measure.

El Dorado County

The County reaffirmed its commitment to work with the Tahoe Basin Transit Authority and to explore alternative funding sources for its support. Staff and dollar allocations for this measure are being considered in the 1981-82 budget.

South Lake Tahoe

The City is committed to providing staff time on an "as needed basis" and input into the efforts of the Tahoe Basin Transit Authority, or its successor agency, to research the feasibility of park-and-ride peripheral parking facilities at Lake Tahoe.

Tahoe Regional Planning Agency

The TRPA is committed, as required by the TRPA Compact, to review California development proposals for conformance with the California Air Resources Board Non-attainment Air Quality Plan. The 1981-82 budget allocates 9 person-years and $25,399 for long range planning of air quality and transportation.

REQUIRED MITIGATION MEASURE

41. Parking surcharges.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County is committed to providing staff time and file information to study parking surcharges. The time and dollar allocations are being considered in the 1981-82 budget.

South Lake Tahoe

The City is committed to investigate the feasibility of using parking meters and the restriction on the location and duration of parking as control strategies by September, 1981.

REQUIRED MITIGATION MEASURE

42. Road Use or Entry Charges (User Fee).

RESPONSIBLE AGENCIES

State of California
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

State of California

The road use or entry charges requires an act of the California Legislature for implementation.

El Dorado County

The County reaffirms its commitment to work with the Tahoe Basin Transit Authoriy and to explore alternative funding sources. Time and dollar allocations for this measure are being considered in the 1981-82 budget.

South Lake Tahoe

The City is committed to continue its exploration for alternative funding sources for the implementation of mitigation measures of the Tahoe Basin Air Quality Attainment Plan agreed to by the City. These sources include, but are not necessarily limited to, license plate surcharges, allocation of funds from the Environmental License Plate Fund, redevelopment financing mechanisms or State or Federal funding through the Tahoe Basin Transit District. The City has budgeted $20,000 for this purpose.

REQUIRED MITIGATION MEASURE

43. Priority treatment for carpools.

RESPONSIBLE AGENCIES

State of California
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utilities District
Tahoe Research Group

AGENCY STATEMENTS

California Tahoe Regional Planning Agency
The Indirect Source Review Ordinance encourages carpools.

El Dorado County
The County is committed to providing staff time and file information to study priority treatment for car pools. A portion of the Public Works Department's 26-employee staff will assist in this project.

South Lake Tahoe
The City supports the TBTA Car Pool demonstration program and will support the investigation incentatives for use of mass transit by public and private employees, including car pooling. The City has budgeted $8,900 for this purpose.

South Tahoe Public Utilities District
The District is committed to working with other agencies and implement car pooling programs on an ongoing basis.

Tahoe Research Group
The TRG is committed to using car pools as applicable.

Harrah's Casino
Harrah's will:

a. Encourage car pooling by bulletin board publications and department meetings.
b. Encourage the use of the available public transportation.
c. Encourage employees, especially those who live in Carson and Washoe Valleys, to use carpools.
d. Continue its self-service car-pooling board, administered by the Personnel Department.
e. Continue to run two courtesy buses to and from various motels in the area. Between 1,800 to 2,400 persons per week are transportedby this mode.

REQUIRED MITIGATION MEASURE

44. Bikeways.

RESPONSIBLE AGENCIES

State of California
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The Regional Plan provides a strong commitment to the development of bikeways within the Tahoe Basin in accord with the bikeway plan.

El Dorado County

The County is committed to continue to implement the Bikeways Element of the County's General Plan. Funding is being considered in the 1981-82 budget.

South Lake Tahoe

The City has recently made an award of bid for Phase I of the Highway 50 Bike Trail. Two additional bikeway projects have also been budgeted at a cost of $345,093.

Tahoe Regional Planning Agency

The TRPA is committed to, as required by the TRPA Compact, to review California development proposals for conformance with California Air Resources Board Non-attainment Air Quality Plan. Further, the TRPA is committed to the development and adoption of environmental thresholds for the Tahoe Basin by June 19, 1982, and the development and adoption of General Plan amendment to implement the thresholds by June 19, 1983. A total of 5.6 person-years and $454,500 have been earmarked for this project.

REQUIRED MITIGATION MEASURE

45. Pedestrian facilities.

RESPONSIBLE AGENCIES

State of California
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA Regional Plan provides commitment to the development of pedestrian facilities through project review.

El Dorado County

The County is committed to explore ways to provide and fund additional predestrian facilities. Funding for this measure is being considered in the 1981-82 budget.

South Lake Tahoe

The City is committed to continue the implementation of its state funded bus plan and will explore other mechanisms for providing additional predestrian facilities as part of the review of the circulation element of the general plan by June, 1982. The City has budgeted $94,000 for bus shelter plans in the current fiscal year.

Tahoe Regional Planning Agency

The TRPA is committed, as required by TRPA Compact, to review California development proposals for conformance with California Air Resources Board Non-attainment Air Quality Plan. The proposed 1981-82 budget allocates two person-years/$9,317 to Air Quality Project review.

REQUIRED MITIGATION MEASURE

46. Roadwork restrictions.

RESPONSIBLE AGENCIES

State of California
California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Regional Plan and Land Use Ordinance place restrictions on road work within the Tahoe Basin.

El Dorado County

The County is committed to the continued scheduling road work in the spring and fall as to not conflict with peak hours and seasons.

South Lake Tahoe

The City is committed to continue its present program of scheduling road projects in such a way so as not to conflict with peak traffic flows and to provide alternative routes during construction. The scheduling of road projects is budgeted in the current fiscal year and $3,500 has been appropriated for this purpose.

REQUIRED MITIGATION MEASURE

47. Mail Delivery.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe
U.S. Postal Service

AGENCY STATEMENTS

El Dorado County

The County reaffirms its support of the U.S. Postal Service and their ongoing projects for improving the delivery of mail.

South Lake Tahoe

The City supports a revised a mail delivery plan within the City and commits to future investigation of its feasibility in cooperation with the U.S. Post Office.

U.S. Postal Service

U.S. Postal Service is in the process of conducting a study of mail delivery within the Tahoe Basin and will recommend new, more efficient delivery procedures.

REQUIRED MITIGATION MEASURES

48. Rail.

RESPONSIBLE AGENCIE

State of California
El Dorado County
South Lake Tahoe City

AGENCY STATEMENTS

State of California

The implementation of the rail alternative to the Non-attainment Plan requires funding from the State of California which is not allocated to date.

El Dorado County

The County has committed staff time and file information to study rail transit. A portion of the Public Works staff 26-employee work force will be available for this purpose.

South Lake Tahoe

The City is committed to providing staff time and input on further study by other agencies, of the feasibility of rail transit. The City has budgeted $1,200 in staff time to assist outside agencies in this investigation.

REQUIRED MITIGATION MEASURE

49. Intensive bus service.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County reaffirms its commitment to work with the Tahoe Basin Transit Authority and to explore alternative funding sources for an intensive bus service system. Staff and dollar allocations for this measure are being considered in the 1981-82 budget.

South Lake Tahoe

The City's present fleet level of 12 general purpose buses and six ski buses will be continued, as will the city's present plan for the purchase of two buses annually. The city will continue with its present plans to implement express bus service on Highway 50 by 1982. The City has budgeted $377,000 for the purchase of additional buses in the next fiscal year.

REQUIRED MITIGATION MEASURE

50. Free mass transit.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe
Tahoe Transportation District

AGENCY STATEMENTS

El Dorado County

The County reaffirams its commitment to work with the Tahoe Basin Transit Authority and to explore alternative funding sources for such programs as free mass transit.

South Lake Tahoe

The City will assist the Tahoe Basin Transit Authority, or its successor agency, in seeking funds for the implementation of free mass transit within the city.

Tahoe Transportation District

The TTD cannot implement a free mass transit system until such time as this measure is adopted by the TRPA.

REQUIRED MITIGATION MEASURE

51. Express bus lanes.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA Regional Transportation Plan is committed to the eventual provision of express bus lanes along Highway 50.

Caltrans

Is committed to the goal of expanding transit at South Shore and hopes to work with TRPA, CTRPA and Nevada DOT in developing an Alternative Analysis/Environmental Impact Statement (AA/EIS) for the Route 50 corridor. This study would consider several alternatives for the corridor including the us of express bus lanes and/or light rail transit.

El Dorado County

The County is committed to supporting the implementation of express bus lanes, both in terms of supplying information, when requested, and in committing a portion of 26-employee Public Works Department staff for this purpose.

South Lake Tahoe

The City is committed to cooperate with and support the Tahoe Basin Transportation Authority, or its successor agency, in developing express bus lanes on Highway 50. It should be noted that the City of South Lake Tahoe recently received a $738,000 SB 620 grant from the State of California which includes funding for express bus service along Highway 50.

REQUIRED MITIGATION MEASURE

52. Employee mass transit incentives.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County reaffirms its commitment to work with the Tahoe Basin Transit Authority and to explore alternate funding sources for the agency and employee mass transit incentive programs. Staff and funding allocations for this measure are being considered in the 1981/82 budget.

South Lake Tahoe

The City is committed to support employee mass transit incentives, including education and promotional programs devised by the TRPA or the TBTA, or TBTA's successor agency. The City has allocated $2,400 for this purpose.

REQUIRED MITIGATION MEASURE

53. Zoning approvals.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Regional Plan Transportation Element emphasizes the development of transit systems that de-emphasize the use of the automobile.

South Lake Tahoe (City of)

The City allocated $36,000 to implement its one-stop permit processing program which began operations early in 1981.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and to the development and adoption of the General Plan to implement the identified thresholds by June 19, 1983. A total of 5.6 person-years and $494,400 has been budgeted for this purpose.

REQUIRED MITIGATION MEASURE

54. Purchase of Fragile Lands

RESPONSIBLE AGENCIES

State of California
South Lake Tahoe

AGENCY STATEMENTS

State of California

The Burton-Santini Bill will provide funds for the purchase of fragile lands within the Lake Tahoe Basin. Proposition 2, which was to provide funds from the State of California for the purchase of lands in the Tahoe Basin, was defeated by the California voters in the November 1980 general State election.

South Lake Tahoe

The city is committed to continue its present park lands and open space program, including a reservation of 5% of the general fund budget for the purchase of fragile lands. These funds will be used in conjunction with the monies provided by the Burton-Santini Bill or other available grant funds to ensure that property owners are equitably compensated when necessary regulations and restriction preclude a reasonable use of their land. The City has reserved $770,000 in its current budget for the acquisition of fragil lands.

REQUIRED MITIGATION MEASURE

55. Subdivision prohibition.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Water Resources Control Board
California Tahoe Regional Planning Agency
Tahoe Regional Planning Agency

AGENCY STATEMENTS

Calfifornia Regional Water quality Control Board, Lahontan Region

The Lahontan Region prohibits subdivisions in stream environment zones where development would result in land coverage or disturbance in excess of land capability. Within 18 months of adoption of the Lake Tahoe Basin Water Quality Plan by the State Board, the Regional Board will adopt and implement an offset strategy which will prohibit development not constructed in conference with remedial erosion control projects. The Regional Board will exercise the full range of its regulatory and enforcement powers under State Law to ensure that these development prohibitions are fully implemented. The Board has allocated 5.3 person-years for enforcement and project review in 1981 and 1982. similiar levels are projected for the following three years.

California Water Resources Control Board

Commitment to the 208 program as discussed in 1, above. The CWRCB budget includes a total of 12.5 person-years to implement the plan.

California Tahoe Regional Planning Agency

The 1980 Regional Plan continues the prohibition of new sub-divisions and the limitation of one unit per existing residential lot until a substantial majority of those undeveloped lots are built upon as determined by the CTRPA Board.

Tahoe Regional Planning Agency

The TRPA is committed, as required by the TRPA Compact, to review California development proposals for conformance with the California Air Resources Board Non-attainment Air Quality Plan. The proposed 1981-82 budget allocated .5 person-years/$41,400 for project review.

REQUIRED MITIGATION MEASURE

56. Indirect source review.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA enforces an Indirect Source Review Ordinance. The proposed 1981-82 budget allocates 4.5 person-years/$180,000 for project review.

Tahoe Regional Planning Agency

The TRPA, as required by the TRPA Compact, reviews California development proposals for conformance with California Air Resources Board Non-attainment Air Quality Plan. The proposed 1981-82 budget allocates .5 person-years/$41,400 for project review.

REQUIRED MITIGATION MEASURE

57. Service stations.

RESPONSIBLE AGENCIES

El Dorado APCD

AGENCY STATEMENTS

El Dorado APCD

Phase I of Vapor Recovery Rule is now in effect and enforced by the APCD.

REQUIRED MITIGATION MEASURE

58. Bulk storage plants (petroleum).

RESPONSIBLE AGENCIES

El Dorado APCD

AGENCY STATEMENTS

El Dorado APCD

Phase 1 of the Vapor Recovery Rule is now in effect and enforced by the APCD.

REQUIRED MITIGATION MEASURE

59. Architectural coating.

RESPONSIBLE AGENCIES

El Dorado APCD

AGENCY STATEMENTS

El Dorado APCD

Due to the attainment status of the Air Basin for hydrocarbons this rule is not requred at this time.

REQUIRED MITIGATION MEASURE

60. Degreasing operations.

RESPONSIBLE AGENCIES

El Dorado APCD

AGENCY STATEMENTS

El Dorado APC

Due to the attainment status of the Air Basin for hydrocarbons this rule is not required at this time.

REQUIRED MITIGATION MEASURE

61. Asphalt paving.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

Due to the attainment status of the Air Basin for hydrocarbons this rule is not required at this time.

South Lake Tahoe

Due to the attainment status of the Air Basin for hydrocarbons this rule is not required at this time.

REQUIRED MITIGATION MEASURE

62. Gaseous fuel space heating.

RESPONSIBLE AGENCIES

El Dorado County
El Dorado APCD
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County is committed to study the use of gaseous fuel for space heating when technologically feasible.

El Dorado APCD

The equipment necessary to implement this measure is not yet available. Therefore, this measure is not cost effective at this time.

South Lake Tahoe

The City is committed to continue its present program of developing an energy conservation plan for City facilities, including the conservation of fuels used for heating for greater efficiency, and is considering the funding of this program in its 1981-82 budget.

REQUIRED MITIGATION MEASURE

63. Solar space heating.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

a. The County is committed to continue to use the Subdivision Map Act and CEQA to obtain proper siting for solar access.

b. The County is committed to continue its solar seminars through the Planning Department.

South Lake Tahoe

The City is committed, due to the State-mandated General Plan update requirement, to update its Conservation Element by June 1982. The update will include policies and programs to encourage the utilization of alternative energy sources and to adopt the appropriate enforcement ordinances to implement such polices. The City has allocated $990 for this program.

REQUIRED MITIGATION MEASURE

64. New source review role.

RESPONSIBLE AGENCIES

El Dorado APCD

AGENCY STATEMENTS

El Dorado APCD

A new source review rule is now in effect in the Tahoe Air Basin and enforced by the APCD.

G. VISUAL RESOURCES

REQUIRED MITIGATION MEASURE

65. Adopt design plan with implementing ordinances and provisions for design review.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Tahoe Regional Planning Agency
Ordinance controls height of structures. The 1980 Regional Plan Design and Aesthetic element requires policies which prevent the destruction of the natural features of the region. Enforced through project review. During 1981-82 CTRPA staff will spend 4.6 person-years and $180,000 in project review and enforcement of existing ordinances.

El Dorado County
The County is committed to study the implementation of design controls in the Tahoe Basin. Staff and funding allocations are being considered in the 1981-82 budget.

South Lake Tahoe
The City will continue it present architectural review of discretionary project approvals to assure quality development. The City will adopt updated design criteria and guidelines by June, 1982, through the General Plan update process. The City Council will adopt the necessary ordinances to create a redevelopment agency in the City of South Lake Tahoe and will, through the redevelopment, planning, and implementation process, be able to assure significant improvements in commercial and residential areas and application of high quality development standards within the project areas. In 1980-81 the City is budgeting $19,800 to carry out provision for design review.

Tahoe Regional Planning Agency
a. The TRPA is committed to enforce the CTRPA height limitation as required by the Compact amendments.
b. The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of the General Plan to implement the identified thresholds by June 19, 1983.
c. In 1981-82 5.6 person-years and 4494,426 will be expended on development of the environmental thresholds.

U.S. Forest Service

The Forest Service has adopted a visual quality program and it is applied to National Forest lands.

H. LAND USE AND HOUSING

MEASURE 66 - 70

RECOMMENDED MITIGATION MEASURE

66. Encourage housing rehabilitation loans and grants and code enforcement.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

a. The County is committed to continue to use its Redevelopment Agency to encourage housing rehabilitation, neighborhood facilities and increase moderate priced housing.
b. The County is committed to its active zoning enforcement program.

South Lake Tahoe

a. The City will continue its present program of low-cost loans to low and moderate income residents through Bank of America. Further, the City Council has authorized the submission of a preapplication for approximately $400,000 in housing and community development funds for 1981-82 with the major emphasis of the program being improvements in affordable housing opportunities within the community, housing rehabilitation, and supporting public improvements. This will be further supported by the redevelopment agency process outlined previously in this document.
b. The City will continue its present program of zoning enforcement, including zoning investigation and abandoned vehicle abatement.
c. In 1980-81 the City used $1,200 for preparation of the HUD Community Development Block Grant, $1,200 towards low income housing, $600 for housing incentives, and $18,000 for zoning enforcement.

RECOMMENDED MITIGATION MEASURE

67. Improve neighborhood facilities, services, and amenities to encourage private-sector investment.

RESPONSIBLE AGENCIES

El Dorado County
Lake Valley Fire Protection District
South Lake Tahoe
South Tahoe Public Utilities District
Water Service Districts

AGENCY STATEMENTS

El Dorado County

The County is committed to continue to use its Redevelopment Agency to encourage housing rehabilitation, neighborhood facilities and an increase in moderate priced housing.

Lake Valley Fire Protection District

The Lake Valley Fire Protection District is committed to maintaining the existing level of fire protection to the District, provided that continued adequate funding is available.

South Lake Tahoe

The City Council has authorized the submission of a pre-application for approximately $400,000 on housing and community development funds for 1981-82 with the major emphasis of the program being improvements in affordable housing opportunities with the community, housing rehabilitation, and supporting public improvements. The City provided $1,500 to prepare this application.

South Tahoe Public Utilities District

The District has developed a facilities plan for sewer system and master plan for water systems to improve utility services. The Waste Water Facility Plan requires immediate modification of the sewer plant to increase plant reliability. Capacity expansion is dependent upon reliable growth identified in the TRPA studies. Water systems improvements are prioritized and scheduled in the 1979 master plan. Expansion of water supply is to be implemented upon need and is, therefore, subject to land use planning determinations and allowable growth.

Water Service Districts

The Angora Water Company, South Tahoe Public Utilities District, Tahoe Keys Water Company, and Tahoe Paradise Water and Gas Company have ongoing capital improvement to update the water systems and to provide for the water service needs of the Basin.

RECOMMENDED MITIGATION MEASURE

68. Institute incentives for new development to include a share of moderately priced housing.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

1980 Regional Plan Housing and Residential Uses Element encourages and provides incentives for housing for the low and moderate income persons.

El Dorado County

The County is committed to continue the implementaion of the housing element of the General Plan.

South Lake Tahoe

The City is committed to continue its present program, to the extent allowed by law, of allocating 10% of each year's building permit allocation for low and moderate income housing and will continue to work with prospective developers of such housing to provide affordable housing opportunities. The City will investigate the feasibility of creating, concurrently with or separately from a redevelopment agency, a housing authority to encourage affordable housing opportunities.

Taheo Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement identified thresholds by June 19, 1983. Incentives for moderately priced housing will be considered.

RECOMMENDED MITIGATION MEASURE

69. Institute incentives for employers to expand housing stock when expanding activities.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Regional Plan Housing and Residential Uses Element includes this mitigation measure as policy. In 1981-82 CTRPA will provide 2.1 person-years and $100,00 in assistance to TRPA in development of the Environmental Threshold and Carrying Capacity Study.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement identified thresholds by June 19, 1983. In 1981-82 fiscal year the TRPA will expend 5.6 person-years and $494,426 towards development and adoption of these environmental thresholds.

REQUIRED MITIGATION MEASURE

70 Coordinate regionwide land use policies; coordinate local, regional, state, and federal land use planning efforts.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utility District
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

Required by enabling legislation. The CTRPA has actively participated as a member of the Mitigation Task Force.

El Dorado County

The County is committed to continue to participate with all Basin agencies in order to coordinate planning policy efforts. The County has actively participated as a member of the Mitigation Task Force

South Lake Tahoe

The City is committed to full involvement in coordination of Region-wide land use policy, including local, state, and federal planning efforts. The City has reorganized the Planning Department to substantially commit the Planning Director to advance planning and inter-agency liaison. The current planning function has been transferred to a "1-stop" permit process in which all regional agencies have been invited to participate and have, in principal, indicated their concurrence. The City has actively participated as a member of the Mitigation Task Force. In 1980-82 the City expended $2,400 on these Regional policies.

South Tahoe Public Utility District

The South Tahoe PUD has developed a facility plan for the sewer system, and a master plan for the water system, developed to accomplish necessary coordination. A memorandum of understanding between the County of El Dorado, City of South Lake Tahoe, and the Utility District was executed in February 1980, to provide for coordination of planning efforts. The Mitigation Task Force has developed a detailed program for the implementation of coordinated planning programs and mitigation measures.

Tahoe Regional Planning Agency

Coordination of land use planning is a requirement of the TRPA Compact. The TRPA has actively participated as a member of the Mitigation Task Force.

U.S. Forest Service

The Forest Service has worked toward coordinated land use plans and policies. A major step is being accomplished through the cooperative establishment of environmental thresholds and carrying capacities for the Tahoe Basin. Participation is coming from local, state and Federal Agencies along with the general public. The U.S. Forest Service has actively participated in the Mitigation Task Force.

I. TRANSPORTATION

MEASURES 71 - 73

Transportation measures listed in this section are duplicative of the measures listed under Section F, Meteorology and Air Quality.

The Tahoe Transportation District, a Basin wide transit agency, was formed pursuant to the TRPA Compact and is presently operating with a staff supplied by the City of South Lake Tahoe. Because the Tahoe Transportation District is not operating under an approved TRPA Transportation Plan, it is limited to providing coordination of agencies presently providing transportation within the Basin.

REQUIRED MITIGATION MEASURE

71. Add more buses.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe
U.S. Forest Service

AGENCY STATEMENTS

El Dorado County

a. The County is committed to continue its support of the Tahoe Basin Transportation Authority.
b. The County is committed to continue to upgrade its transit system if funds are available.
c. Working with the City of South Lake Tahoe, the County is proposing bus service in the Myers area.
d. Staff and funding allocations are being considered in the 1981-82 budget.

South Lake Tahoe

The City's present bus fleet of 12 general purpose buses and six ski buses will be continued, as will the City's present plan for purchase of two buses annually.

For the 1980-81 fiscal year, the City general fund will expend $146,018 to finance the bus system. This represents a subsidy in addition to fare box revenues and transportation development and financing.

U.S. Forest Service

The Forest Service provided $18,000 last year to help support bus service from State Line to the Forest Service beaches. The Forest

Service is working with the City of South Lake Tahoe on a contract for continuing service for the summer of 1981.

REQUIRED MITIGATION MEASURE

72. Establish Basinwide Transit agency.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Regional Plan recommends the formation of a transportation district to implement and operate the proposed integrated public transportation system.

El Dorado County

The County is committed to continue active support of the Tahoe Basin Transportation Authority and Tahoe Transportation District. Staff and funding allocations are being considered in the 1981-82 budget.

South Lake Tahoe

The City, one of the founders of the Tahoe Basin Transportation Authority, is actively supporting the TBTA, and the Tahoe Transportation District.

Tahoe Regional Planning Agency

The TRPA Compact establishes the Tahoe Transportation District. The District is operating with staff support from the City of South Lake Tahoe.

RECOMMENDED MITIGATION MEASURE

73. Encourage car and van pooling to place of employment

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The indirect Source Review Ordinance of the CTRPA encourages car and van pooling.

El Dorado County

The County commits to encourage car and van pooling where feasible.

South Lake Tahoe

The City is committed to support the TBTA car pool demonstration program and will support other agencies' investigation of the feasibility of mass transit incentives for both public and private employers, including car pooling. In 1980-81 fiscal year, the City will expend $8,900 on the car pool demonstration program.

Tahoe Regional Planning Agency

The TRPA is required to enforce the CTRPA indirect source review ordinance as applicable to California projects. This ordinance encourages car and van pooling.

J. RECREATION

RECOMMENDED MITIGATION MEASURE

74. Acquire land for public recreational use.

RESPONSIBLE AGENCIES

California Department of Parks and Recreation
South Lake Tahoe
U.S. Forest Service

AGENCY STATEMENTS

California Department of Parks and Recreation

The Calif. Department of Parks acquires lands for public recreation use within the Lake Tahoe Basin. Within the Basin are 4,936 acres of park land containing 452 campsites. With a permanent staff of 22, the Department of Parks and Recreation expends $1,000,000 annually. The only State park unit within the service area of the South Tahoe PUD is the Eagle Point campground on the south shore of Emerald Bay.

South Lake Tahoe

The City will continue its present park lands and open space program, including a reservation of 5% of the General Fund budget to fund purchase of fragile lands. These funds will be used in conjunction with the monies provided by the Burton-Santini Bill or other available grant monies to insure that property owners are equitably compensated where use of their land is prohibited.

U.S. Forest Service

The acquisition of land for public recreational uses has been a continuing function of the Forest Service within the Basin. Under the Burton-Santini Act we expect to intensify this land acquisition function, particularly on environmentally sensitive lands.

K. PUBLIC SERVICE/FISCAL CONCERNS

MEASURES 75 - 84

RECOMMENDED MITIGATION MEASURE

75. Construct primary/intermediate care clinic.

RESPONSIBLE AGENCIES

State of California
California Tahoe Regional Planning Agency
El Dorado County
Golden Empire Health Systems Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency
The Regional Facilities Ordinance encourages expansion of public facilities at their existing locations with coverage variances.

El Dorado County
The County is committed to working with the Golden Empire Health Care Planning Agency to assess the need for health care facilities and programs. At the time the need is shown, the County will provide funding, if funds available.

Golden Empire Health Systems Agency
The Health Systems Agency is committed to the planning, assessment, and recommendation for health care facilities within the Tahoe Basin. Staff spends approximately .2 person-years at the South Lake Tahoe Health Clinic.

RECOMMENDED MITIGATION MEASURE

76. Expand County health services programs and encourage volunteer services.

RESPONSIBLE AGENCIES

El Dorado County
Golden Empire Health Systems Agency

AGENCY STATEMENTS

El Dorado County

The County is committed to working with the Golden Empire Health Care Planning Agency to assess the need for health care facilities and programs. At the time the need is shown, the County will provide funding if funds are available.

Golden Empire Health Systems Agency

The Health Systems Agency is committed to the planning, assessment, and recommendation for health care facilities within the Tahoe Basin. Present staff time amounts to .2 person-years at the South Lake Tahoe Health Clinic.

REQUIRED MITIGATION MEASURE

77. Ensure that new development locates to take maximum advantage of existing service capacities.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
Golden Empire Health Systems Agency
Lake Tahoe Community College
South Lake Tahoe
South Tahoe Public Utilities District
South Tahoe Refuse Company
Tahoe Regional Planning Agency
U.S. Forest Service
Water Service Districts

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

1980 Regional Plan Land Development Element and Public Services Element requires development to take advantage of existing service systems and locate in urbanized areas.

El Dorado County

The County is committed to ensure that new development locates to take maximum advantage of existing service and capacities.

Golden Empire Health Systems Agency

The Health Systems Agency is committed to the planning and phasing of new health care facilities within the Tahoe Basin.

Lake Tahoe Community College

The Site Feasibility Study for the new college facility implemented this measure.

South Lake Tahoe

The City is committed, as an interim measure for the 1981 building season, in cooperation with CTRPA, as required by law, to ensure that new developments take maximum advantage of existing service capacities. The implementing ordinances will be adopted by March 1981.

South Tahoe Public Utilities District

The STPUD facility plan for the sewer system and the master plan for the water system was developed to accomplish the necessary coordination. A memorandum of understanding between the County of El Dorado, the City of South Lake Tahoe, and the Utility District was executed in February 1980, to provide for coordination of planning efforts. The Mitigation Task Force has developed a detailed program for the implementation of coordinated programs and mitigation measures.

South Tahoe Refuse Company
The South Tahoe Refuse Company has no control or jurisdiction over location of new developments. The Company is willing to work with the proper agencies to voice their recommendations on the matter. The Company is willing to service all customers within the franchise boundaries which includes all present and future customers of STPUD.

Tahoe Regional Planning Agency
The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983. The 1981-82 TRPA budget provides for 5.6 person-years of staff time and $494,426 to develop and adopt the environmental thresholds.

U.S. Forest Service
The Land Management Plan insures that new development locates to take maximum advantage of existing service capacities.

Water Service Districts
The Angora Water Company, South Tahoe Public Utilities District, Tahoe Keys Water Company, and Tahoe Paradise Water and Gas Company are committed to working with the land use planning agencies in accord with this measure.

RECOMMENDED MITIGATION MEASURE

78. Coordinate regional land use planning and capital facilities planning budgeting.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utilities District
South Tahoe Refuse Company
Tahoe Rregional Planning Agency
U.S. Forest Service
Water Service Districts

AGENCY STATEMENTS

California Tahoe Regional Planning Agency
Required by CTRPA's enabling legislation.

El Dorado County
County is committed to continue to participate with all Basin agencies in order to coordinate policies and efforts.

South Lake Tahoe
a. The City is committed to continue its present program of shared public facilities with other agencies, including joint law enforcement facilities with El Dorado County and joint use of computer systems by various agencies. In 1980-81 the City contributed $2,400 towards the shared facilities program.
b. The City is committed to full involvement and coordination in region-wide land use policies including local, state, and federal planning efforts.

South Tahoe Public Utilities Agency
The PUD has developed a facility plan for the sewer system, and a master plan for the water system developed to accomplish necessary coordination. A memorandum of understanding between the County of El Dorado and City of South Lake Tahoe and the Utility District was executed in February, 1980, to provide for coordination of planning efforts. The Mitigation Task Force has developed a detailed program for the implementation of coordinated planning programs and mitigation measures.

South Tahoe Refuse Company
The South Tahoe Refuse Company is presently participating in the coordination of capital facilities planning through the use of the transfer station which accepts refuse from both California and Neveda.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a general plan to implement the identified thresholds by June 19, 1983. TRPA budget for 1981-82 lists 5.6 person-years of staff time and $494,426 to develop and adopt these environmental thresholds.

U.S. Forest Service

The U.S. Forest Service is committed to providing input into the planning process of other service agencies to anticiptate future National Forest needs within the Lake Tahoe Basin.

Water Service Districts

The South Shore Purveyors, pursuant to a memorandum of understanding between the Angora Water Company, the South Tahoe Public Utilities District, Tahoe Keys Water Company, and the Tahoe Paradise Water and Gas Company are working together to coordinate water planning activities within their jurisdiction of the Tahoe Basin.

RECOMMENDED MITIGATION MEASURE

79. Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utility District
South Tahoe Refuse Company
Tahoe Regional Planning Agency
U.S. Forest Service
Water Service Districts

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The CTRPA Land Use Ordinance requires developers to provide infrastructure and major service facilities and to contribute funds for these improvements.

El Dorado County

The County is committed to work with impacted Basin districts to find funding sources where feasible.

South Lake Tahoe

The City is committed to continue its present program of requiring project applicants to provide necessary infrastructure to support their existing ordinance requirements.

South Tahoe Public Utility District

Utility District presently requires through Sewer Ordinance 300, a sewer connection fee of $580 per sewer unit ($1740 per single family resident three sewer units). The Board of Directors will consider in February 1981, an amendment of Sewer Ordinance Number 300 to increase the connection charges. Water Service Ordinances Number 311 and 312 establish connection charge for water service.

South Tahoe Refuse Company

The South Tahoe Refuse Company is committed to working with the appropriate agencies to voice their recommendations on the matter of infrastructure and service facilities. The Company is willing to service all customers within their franchise boundaries, which includes all present and future customers of STPUD.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and is committed to the development and adoption of the general plan to implement the identified threshold by June 19, 1983.

U.S. Forest Service

The U.S. Forest Service requires developers to provide or contribute funds for improvements to the infrastructure and major service facilities.

Water Service Districts

The Angora Water Company, South Tahoe Public Utilities District, Tahoe Keys Water Company, and Tahoe Paradise Water and Gas Company require developer to provide infrastructure and major service facility or contribute funds for such improvements. The rate structures are as allowed by the Public Utility Commission.

RECOMMENDED MITIGATION MEASURE

80. Consolidate service districts.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe
South Tahoe Public Utilities District
South Tahoe Refuse Company
Water Service Districts

AGENCY STATEMENTS

El Dorado County

The County is committed to investigate the consolidation service districts through LAFCO.

South Lake Tahoe

The City has committed to continue its present supportive efforts to consolidate existing service districts, where practicable, through LAFCO. In 1980-81 the City expended $800 on District consolidation (i.e. Lake Valley fire Department, Tahoe Unified School District and South Lake Tahoe Bus Service).

South Tahoe Public Utilities District

a. The STPUD is the only district providing sewer service to the South Tahoe Basin area.

b. A South Shore Water Purveyor's Joint is being developed to coordinate water service planning, conservation programs.

South Tahoe Refuse Company

The South Tahoe Refuse Company is the sole provider of refuse collection within the South Tahoe area.

Water Service Districts

The Angora Water Company, the South Tahoe Public Utilities District, the Tahoe Keys Company, and the Tahoe Paradise Water and Gas Company are committed to implementing a joint powers group to provide for coordinated utility service.

RECOMMENDED MITIGATION MEASURE

81. Institute double sessions or year-round school operations to reduce need for additional school facilities.

RESPONSIBLE AGENCIES

Lake Tahoe Community College
Lake Tahoe Unified School District

AGENCY STATEMENTS

Lake Tahoe Community College:

Provides 24 hour classes throughout the year.

Lake Tahoe Unified School District

The District is experiencing a declining school enrollment based on construction limitation and higher housing prices and therefore further expansion is not anticipated.

RECOMMENDED MITIGATION MEASURE

82. Expand the transfer station in the city of South Lake Tahoe.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
South Tahoe Refuse Company

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The Public Facilities Ordinance of the CTRPA permits the expansion of the transfer station on the its existing site. Approximately one year ago, the CTRPA approved the expansion of the South Tahoe Refuse Company Transfer Station at their existing site.

South Tahoe Refuse Company

The Refuse Company presently has plans for the implementation of the construction of their transfer station to begin in May of 1981.

RECOMMENDED MITIGATION MEASURE

83. Encourage recycling and resource recovery efforts by the solid waste franchise operator.

RESPONSIBLE AGENCIES:

South Tahoe Refuse Company

AGENCY STATEMENTS

South Tahoe Refuse Company

The Refuse Company is presently participating in the encouragement of recycling and resource recovery by advertisement and by sending flyers periodically in utility billings. The Company presently recycles corrugated cardboard, non-ferrous metals, glass, and newspapers. Greater efforts towards recycling will be made upon the completion of the expansion of the transfer station.

RECOMMENDED MITIGATION MEASURE

84. Initiate public education and volunteer programs to reduce amount of solid waste generated, promote a clean, litter-free community, and achieve the state goal of a 25% reduction in waste going to the landfill.

RESPONSIBLE AGENCIES

Chamber of Commerce
El Dorado County
Lake Tahoe Community College
Lake Tahoe Unified School District
South Lake Tahoe

AGENCY STATEMENTS

South Lake Tahoe Chamber of Commerce

The "Keep Tahoe Beautiful" program has been in effect for almost one year. The direction of the program, to this date, is anti-litter education in schools and clean-up campaigns. The Chamber is supporting the South Tahoe Refuse Company in its efforts to construct the recycling center next to the transfer station.

El Dorado County

The county is committed to work with the South Tahoe Refuse Company and other agencies to reduce the solid waste. The Environmental Health Department expends 3 person-years in South Lake Tahoe. A portion of this staff time is devoted to public education programs aimed at reducing refuse volumes.

Lake Tahoe Community College:

Committed to working with various agencies as they have with energy conservation.

South Lake Tahoe

The City is committed to continue its present program of encouraging recycling and resource recovery efforts by solid waste franchise holder and the community at large as well as continuing its present program of overseeing and acting as funding recipiant for the "Keep Tahoe Beautiful" program.

L. UTILITIES

MEASURES 85 - 92

REQUIRED MITIGATION MEASURE

85. Institute water conservation programs using financial mechanisms to reduce water consumption.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
California Tahoe Regional Planning Agency
South Tahoe Public Utility District
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

a. The CTRPA Regional Plan recommends reduction in development in order to reduce future potential demand of water.
b. Water conservation provisions are recommended in all new developments.

South Tahoe Public Utility District

a. Utility District and South Shore Water Purveyors distribute, at no cost, water conservation kits.
b. Utility District, in cooperation with the South Shore Water Purveyors, will investigate and report on the feasibility of implementation of proposed water conservation programs. The District will complete the report by July 1, 1981. A program for water conservation will be implemented by December, 1981.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983. The TRPA has budgeted 5.6 person-years and $494,400 for this project.

REQUIRED MITIGATION MEASURE

86. Install retrofit water conservation devices.

RESPONSIBLE AGENCIES

South Tahoe Public Utility District
Water Service Districts

AGENCY STATEMENTS

South Tahoe Public Utility District

a. Utility District and South Shore Water Purveyors distributed, at no cost to users, water conservation kits.

b. Utility District, in cooperation with the South Shore Water Purveyors, will investigate and report on the feasibility of implementation of these proposed water conservation programs. The District will complete the report by July 1, 1981. A program for water conservation will be implemented by December, 1981.

Water Service Districts

The Angora Water Company, South Tahoe Public Utilities District, Tahoe Keys Water Company, and Tahoe Paradise Water and Gas Company make retrofit water conservation kits available to all customers. Future programs will be coordinated through the South Shore Water Purveyors group.

REQUIRED MITIGATION MEASURE

87. Enforce mandatory water conservation efforts.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
South Tahoe Public Utilities District
Tahoe Regional Planning Agency
Water Service Districts

AGENCY STATEMENTS

CAlifornia Tahoe Regional Planning Agency

The Regional Plan recommends water conservation devices be installed in all new developments.

El Dorado County

The County is committed to continue the Building Code requirement for low-flow plumbing fixtures in all new construction. Two person-years are allocated for project review.

South Lake Tahoe

a. The City is committed to continue its present program of supporting STPUD's efforts to install retrofit water conservation devices. It will also consider retrofitting as an eligible activity under the the Housing and Community Block Grant program.

b. The City will continue its present support of STPUD's efforts to enforce water conservation requirements and act as a distributor of information concerning such programs.

South Tahoe Public Utilities District

Utility District and South Shore Water Purveyors distribute at no cost, water conservation kits. Utility District, in cooperation with the South Shore Water purveyors, will investigate and report on the feasibility of implementing water conservation programs. The District report will be completed by July 1, 1981, and a program for water conservation will be implemented by December, 1981.

Tahoe Regional Planning Agency

The TRPA is committed to the development and adoption of environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983. The TRPA has budgeted 5.6 person-years and $484,000 for this program.

Water Service Districts

The Angora Water Company, South Tahoe Public Utilities District, Tahoe Keys Water Company, and Tahoe Paradise Water and Gas Company are committed, as members of the Water Purveyors Group, to develop and coordinate water conservation efforts.

RECOMMENDED MITIGATION MEASURE

88. Make maximum use of available grants to reduce local costs

RESPONSIBLE AGENCIES

South Tahoe Public Utilities District

AGENCY STATEMENTS

South Tahoe Public Utilities District

The Utility District is attempting to utilize grant funding.

RECOMMENDED MITIGATION MEASURE

89. Retrofit existing structures with additional insulation.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County is committed to continue the weatherization program through the Community Services Department, if funds continue to be available.

South Lake Tahoe

a. The City has adopted the 1979 Building Code and will apply title 24 Insulation Standards.

b. The City will continue its present program of participating in the El Dorado County Energy Committee and further commits to the distribution of information concerning energy conservation.

c. The City will coonsider, as an eligible activity for funding by its Small Cities Community Development Block Grant monies, the retrofit of existing homes with new or additional insulation.

REQUIRED MITIGATION MEASURE

90. Revise building codes to require additional insulation of walls, floors, ceilings, attics.

RESPONSIBLE AGENCIES

El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

El Dorado County

The County is committed to continue to enforce the Building Code and Title 24 requirements for insulation. No further revision is necessary.

South Lake Tahoe

The City has adopted the 1979 Building Code. No further revision is necessary.

RECOMMENDED MITIGATION MEASURE

91. Encourage energy audits.

RESPONSIBLE AGENCIES

Sierra Pacific Power Company

AGENCY STATEMENTS

Sierra Pacific Power Company

Provides free home energy audit upon request.

REQUIRED MITIGATION MEASURE

92. Encourage development of energy-efficient transportation systems.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency

AGENCY STATEMENTS

California Tahoe Regional Planning Agency

The 1980 Transportation Plan states, "Energy shall be conserved and efficiently utilized when implementing transportation goals."

South Lake Tahoe

The City, which organized the Tahoe Basin Transportation Authority, commits staff time to a program to develop energy efficient transportation in the Lake Tahoe Basin by the Tahoe Basin Transportation Authority, or its successor agency.

Tahoe Regional Planning Agency

The TRPA is committed to developing and adopting environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983. The TRPA has budgeted 5.6 person-years and $454,000 for this program.

M. CULTURAL, ARCHAEOLOGICAL AND HISTORICAL RESOURCES

MEASURES 93 - 95

RECOMMENDED MITIGATION MEASURE

93. Require on site cultural, archaelogical, and historic resource analyses as part of the development review process.

RESPONSIBLE AGENCIES

California Tahoe Regional Planning Agency
Caltrans
El Dorado County
South Lake Tahoe
Tahoe Regional Planning Agency
U.S. Forest Service

AGENCY STATEMENTS

California Tahoe Regional Planning Agency
Required by CEQA.

Caltrans
The Department conducts archaelogical studies on each of its projects.

El Dorado County
The County is committed to continuing to required site analysis on discretionary projects through CEQA.

South Lake Tahoe
The City is committed to continue its present program, as required by the California Environmental Qualtiy Act, to evaluate the historical and/or archaeological significance of the site of any proposed project. The Lake Tahoe Historical Society will provide advice and consultation as required.

Tahoe Regional Planning Agency
The TRPA is committed to develop and adopt environmental thresholds by June 19, 1982, and to the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983.

U.S. Forest Service
This is a continuing policy with the Forest Service.

REQUIRED MITIGATION MEASURE

94. Nominate cultural resources for inclusion in the National Register.

RESPONSIBLE AGENCIES

Tahoe Regional Planning Agency
South Lake Tahoe

AGENCY STATEMENTS

Tahoe Regional Planning Agency

The TRPA is committed to develop and adopt environmental thresholds by June 19, 1982, and the development and adoption of a General Plan to implement the identified thresholds by June 19, 1983. TRPA will expend 5.6 person-years of staff time and $494,426 to adopt these environmental thresholds.

South Lake Tahoe

The City is committed to support the Historical Society in its efforts to nominate sites for inclusion in the National Register, and work cooperatively with all agencies concerning any sites of which it becomes aware.

RECOMMENDED MITIGATION MEASURE

95. Purchase land or obtain restrictive easements to place sites in public possession.

RESPONSIBLE AGENCIES

State of California
El Dorado County
South Lake Tahoe

AGENCY STATEMENTS

State of California

The Tahoe Conservancy, though not funded, was established to purchase land and obtain restrictive easements.

El Dorado County

The County is committed to continue to restrict the use on lands in an area of a known archaeological site.

South Lake Tahoe

The City is committed, through its parks and open space program, to consider historical significance as a facter in any site acquisition.

N. CARSON VALLEY UTILITIES

MEASURES 96 & 97

REQUIRED MITIGATION MEASURE

96. Monitor groundwater and irrigated runoff to ensure that land application of secondary effluent is not detrimental to surface and groundwater quality.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
South Tahoe Public Utilities District

AGENCY STATEMENTS

California Regional water Quality Control Board, Lahontan Region

"The Regional Board is willing and fully capable of implementing this mitigation measure. California water pollution control laws require dischargers to conduct self-monitoring of their waste discharges and the effects of such waste discharges on waters of the State. The Regional Board will specify a self-monitoring program setting forth the parameters, methods, frequencies, and locations for sampling and will include monitoring of the discharge, surface waters, and groundwaters.

"The discharger will be required to submit periodic reports of sampling results to the Regional Board for review and to verify compliance. The review of self-monitoring data will be supplemented by unannounced on-site inspections and collection of samples for analysis and review by the Regional Board."

(Letter to James Cofer from Roy Hampson dated October 30, 1980.)

The Board has allocated 5.3 person-years for enforcement.

South Tahoe Public Utilities District

Utility District is monitoring the groundwater and surface water quality in Alpine County. The U.S. Soil Conservation Service is under contract with the District for the preparation of an analysis of impacts of land application disposal technologies in Alpine County. The Soils Conservation Service Study will identify monitoring needs and the District will continue its monitoring program.

RECOMMENDED MITIGATION MEASURE

97. Maintain reliable treatment to ensure public health protection against potential hazards from using secondary effluent for irrigation.

RESPONSIBLE AGENCIES

California Regional Water Quality Control Board, Lahontan Region
South Tahoe Public Utilities District

AGENCY STATEMENTS

California Regional Water Quality Control Board, Lahontan Region

"The Regional Board is vested with the authority to ascertain and require continuous reliability of treatment facilities to ensure public health protection and is fully prepared to implement this mitigation measure.

"As a first step, the Regional Board will establish a waste discharge requirement order that will prescribe the effluent limitations necessary to protect public health and meet water quality objectives. Mitigation Measure 118.2 describes the procedure for monitoring compliance with the waste discharge order. Reliability for public health protection will therefore be assured by review of monitoring data and conduct of on-site inspections, with comparison of this information to conditions set forth in the waste discharge order.

"Conditions of non-compliance or threatened non-compliance, whether related to public health or not, will be addressed by appropriate enforcement action as outlined in the Water Code. This may include enforcement orders to upgrade or improve treatment facilities and bans on new sewer connections until violations are corrected."

(Letter to James Cofer from Roy hompson dated October 30, 1980.)

The Board has allocated 5.3 person-years for enforcement.

South Tahoe Public Utilities District

The District has made a commitment to maintain the sewage treatment system to ensure public health protection.

IV. RESPONSIBLE AGENCY IMPLEMENTATION STATEMENTS

1. State of California - Air Resources Board

STATE OF CALIFORNIA
EDMUND G. BROWN JR., Governor

AIR RESOURCES BOARD
1102 Q STREET
P.O. BOX 2815
SACRAMENTO, CA 95812

MAR 25 RECD

March 23, 1981

Mr. James Cofer;
South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, CA 95705

Dear Mr. Cofer

Your Mitigation Program for the South Tahoe Public Utility District has been reviewed and I offer the following comment.

On May 9, 1979, the California Air Resources Board (ARB), adopted the Lake Tahoe Nonattainment Plan, as amended by ARB Resolution #79-37. The adopted plan was submitted to the Environmental Protection Agency (EPA) as Chapter 8 of the State Implementation Plan (SIP).

The air pollution control strategies in the SIP are included as mitigation measures in the Environmental Impact Statement (EIS) for the STPUD project and in the STPUD Mitigation Program. Consequently, the ARB commitment to coordinate and work with other governmental entities in California and Nevada to implement basinwide control strategies contained in the SIP is a commitment to implementation of the STPUD mitigation measures. Likewise the ARB has committed to further study of control strategies (mitigation measures) relegated to further study by resolution #79-37.

The ARB has a full-time staff person dedicated to the Lake Tahoe program and has also annually funded monitoring and research studies in the basin.

As lead agency for air quality planning in the California portion of the Lake Tahoe Basin, the ARB will continue to seek implementation of the SIP and assumes responsibility for those measures requiring ARB support and action.

Attached for your information is a copy of ARB Resolution #79-37. Your particular attention is directed to Resolves 4, 5, 7, 11, 12, and 15.

Sincerely,

Stan Randolph

Stan Randolph, Manager
SIP Projects Section

Attachment

cc: Anders Hauge, Quad Consultants
David Clark, EPA

State of California
AIR RESOURCES BOARD

Resolution 79-37
May 9, 1979

A. WHEREAS, Section 39602 of the Health and Safety Code designates the Air Resources Board (ARB or Board) as the air pollution control agency for all purposes set forth in federal law and designates the ARB as the state agency responsible for the preparation of the State Implementation Plan (SIP) required by the Clean Air Act (CAA);

B. WHEREAS, the CAA as amended in 1977 mandates the revision of the SIP in designated nonattainment areas of the state in order to assure the attainment and maintenance of the National Ambient Air Quality Standards (NAAQS) by specified deadlines;

C. WHEREAS, the California and Nevada portions of the Lake Tahoe Basin were designated nonattainment for carbon monoxide and oxidant under Section 107(b) of the CAA;

D. WHEREAS, the ARB, pursuant to authority delegated to it by the Governor, certified on June 7, 1978 that it retains the lead agency responsibility for the preparation of the 1979 carbon monoxide and oxidant nonattainment plan for the California portion of the Lake Tahoe Basin;

E. WHEREAS, the ARB as lead agency for the California portion of the basin and Tahoe Regional Planning Agency (TRPA) as lead agency for the Nevada portion of the basin, committed themselves to a coordinated program for the development of a bi-state plan with the active participation of agencies possessing resources and expertise in the air quality and transportation fields;

F. WHEREAS, the vehicle for this coordinated effort to develop a bi-state plan is the Tahoe Air Program Ad Hoc Committee (Ad Hoc Committee) formed jointly by the ARB and the Nevada Department of Environmental Protection (NDEP) in 1976 and consisting of members from the agencies indicated in E;

G. WHEREAS, the Lake Tahoe Basin Nonattainment Plan (NAP) was prepared by the Ad Hoc Committee;

H. WHEREAS, the Lake Tahoe Basin NAP received review and comment by interested organizations and the public and was subsequently reviewed and approved or adopted, in part or whole, by the Ad Hoc Committee, City of South Lake Tahoe, El Dorado County APCD, California Tahoe Regional Planning Agency, and the Tahoe Regional Planning Agency;

I. WHEREAS, the Clean Air Act and SIP regulations promulgated by the Environmental Protection Agency (EPA) require that revisions to the SIP be adopted after a public hearing for which a 30-day notice to the public has been provided;

J. WHEREAS, a public hearing upon 30 days notice and other administrative proceedings has been held in accordance with the CAA and the provisions of the Administrative Procedures Act (California Government Code, Title 2, Division 3, Part 1, Chapter 4.5);

K. WHEREAS, the Executive Officer has denied the Placer County Board of Supervisor's request to amend the designation of the Lake Tahoe portion of Placer County from nonattainment to attainment for ozone and carbon monoxide;

L. WHEREAS, the ARB recognizes the unique national significance of the Lake Tahoe Basin and the need to preserve and enhance the Basin's environmental quality, and has established a special 30 mile visibility standard applicable in the Basin;

M. WHEREAS, because at higher elevations humans are susceptible to adverse health impacts at lower concentrations of ambient carbon monoxide, the ARB has established an 8-hour carbon monoxide ambient air quality standard of 6 ppm for the Lake Tahoe Air Basin which is more stringent than for the remainder of the state;

N. WHEREAS, the State of Nevada has established state ambient air quality standards for carbon monoxide, oxidant and visibility which are identical to California's standards for the Tahoe Basin;

O. WHEREAS, while there are no recorded violations of the new national .12 ppm ozone standard in the Lake Tahoe Basin, Tahoe's national significance requires special consideration and the Executive Officer has directed that an air quality simulation analysis of current ozone projections be performed before considering redesignation to attainment for ozone;

P. WHEREAS, the ARB recognizes that certain activities in the Nevada portion of the Lake Tahoe Basin impact air quality problems in the California portion of the Basin and that Nevada must cooperate with California to assure basinwide attainment of air quality standards;

Q. WHEREAS, the NAP process has functioned satisfactorily with the ARB serving as lead agency in working with the Ad Hoc Committee;

AREA AND LEAD AGENCY DESIGNATIONS

1. NOW, THEREFORE BE IT RESOLVED, that the Board concurs with the Executive Officer that the Lake Tahoe portion of Placer County shall not be redesignated from nonattainment to attainment for carbon monoxide, and pending further analysis, shall retain its nonattainment designation for ozone;

2. BE IT FURTHER RESOLVED, that the Board reaffirms that retention of the ARB as lead agency, working with local and regional governments and the Ad Hoc Committee, is the best short term solution for the nonattainment planning process. The Board will reconsider the designation of TRPA as lead agency if and when the bi-state compact is revised to assure that TRPA will be more responsive to environmental concerns;

AIR QUALITY ANALYSIS

3. BE IT FURTHER RESOLVED, that the Board finds that further analysis of basinwide oxidant formation is necessary and directs staff to perform further basinwide photochemical simulation modeling in order to analyze the oxidant formation mechanism and the impact of control measures;

CONTINUING PLANNING AND IMPLEMENTATION PROGRAM

4. BE IT FURTHER RESOLVED, that the Board finds that additional effort is needed to comply with the CAA requirements for demonstrating attainment and maintenance of the carbon monoxide standard and that control measures relegated to further study be studied and scheduled for implementation according to the schedule for "further analysis or reanalysis" included as Appendix E of the NAP as amended by Board action reflected in this resolution;

5. BE IT FURTHER RESOLVED, that the Board directs staff to continue to coordinate and work with other governmental entities in California and Nevada to develop and implement appropriate basinwide control strategies for attainment of air quality standards;

REQUEST FOR EXTENSION

6. BE IT FURTHER RESOLVED, that the Board finds that the Lake Tahoe Plan does not demonstrate attainment of the national standard for carbon monoxide by December 31, 1982 despite the implementation of all reasonably available control measures;

7. BE IT FURTHER RESOLVED, that the Board finds that to meet the Clean Air Act requirements for receiving an extension for attaining the national carbon monoxide standard, the Lake Tahoe Basin must commit to an Inspection and Maintenance Program. The Board finds that the

T-17, T-18, T-20, T-21, T-22, T-23, T-25, T-26, T-27, L-1, L-3, L-4, S-1, S-2, and S-10. These measures are necessary to meet the requirements of Part D of the Clean Air Act. The Board further resolves that those measures adopted by the Board which constitute a total basinwide public transportation system, specifically T-5, T-10, T-12, T-14, T-15, T-17, T-18, T-20, T-21, T-25, T-26, and T-27 are deemed essential to the attainment and maintenance of National Ambient Air Quality Standards for CO. The Board further resolves that implementation of some of those measures, specifically T-5, T-15, T-17, T-18, T-26, and T-27, will be replaced by any set of equally effective measures which may be adopted by TRPA or adopted pursuant to changes in the bi-state compact currently being considered by the California and Nevada State Legislatures. The Board further resolves that in the event the bi-state compact is not adequately revised, and a legally enforceable commitment to adopt and require basinwide implementation of equally effective alternative measures timely received, the implementation of the measures constituting a public transportation system in the California portion of the basin are to be initiated as expeditiously as practicable but no later than January 1, 1981. The Board approves the plan as amended above and directs the Executive Officer to submit the plan to EPA for approval, together will all acceptable technical support documentation as may be useful in showing compliance with the requirements of Part D;

13. BE IT FURTHER RESOLVED, that pursuant to Section 127 of the Clean Air Act, the ARB commits to implement an intensive public information program, utilizing the mass media, to advise the public of the special health hazards associated with levels of CO in excess of ambient standards at high altitudes and to encourage the public to participate in regulatory efforts to improve air quality at Lake Tahoe and requests the State of Nevada to do the same. The Board further requests the EPA to fund this program pursuant to provisions of Clean Air Act Section 127(b);

14. BE IT FURTHER RESOLVED, that the Board authorizes the Executive Officer to amend the SIP submission in accordance with the supplement to the staff report and other direction provided by the Board during the public hearing;

15. BE IT FURTHER RESOLVED, that the Board requires the appropriate responsible local and regional implementing agencies to adopt by September 1, 1979 in regulatory format (e.g., ordinances, rules, or regulations) those measures which are adopted as part of this plan but which are not presently in such format.

I certify that the above is a true
and correct copy of Resolution 79-37
as passed by the Air Resources Board.

Joan Gilpin

Joan Gilpin, Board Secretary

inclusion of Inspection and Maintenance (T-1) demonstrates initial local commitment to an adequate Inspection and Maintenance Program, and the Board supports legislative authorization of such a program for the Lake Tahoe area;

8. BE IT FURTHER RESOLVED, that the Board finds that the commitment to the further study of mobile source controls, stationary source controls, and transportation measures, as well as other requirements of the continuing planning process, demonstrates adequately compliance with Section 172(b)(11)(C) of the Clean Air Act which requires the identification of other measures necessary to provide for attainment of the national standard for carbon monoxide not later than December 31, 1987;

9. BE IT FURTHER RESOLVED, that the Board finds that an extension of the attainment date for the carbon monoxide national standard until no later than December 31, 1987 is justified;

POPULATION GROWTH AND CONSISTENCY

10. BE IT FURTHER RESOLVED, that the Board finds that to meet the Clean Air Act requirements for consistency of the SIP and other planning programs, all jurisdictions in the Basin need to commit to develop a well-defined process and schedules to bring regional plan/population forecasts into consistency as part of the continuing planning and implementation program. Appropriate agencies should commit to and schedule for the completion of this task in the work program for the NAP update;

11. BE IT FURTHER RESOLVED, that the Board directs the Executive Officer to work in cooperation with appropriate agencies to develop mechanisms consistent with Sections 176(c) and 316(b) of the Clean Air Act for determining that federally assisted projects and federal permit activities which result in increases in emissions are consistent with reasonable further progress toward attainment and maintenance of NAAQS. Until such mechanisms are adopted, the ARB shall make such determinations on a project-by-project basis and transmit them with an appropriate recommendation to the relevant local, state, and federal agencies. The Board further finds that future federally funded projects which enable population growth beyond that projected to occur in the Tahoe plan should be required to provide for additional mitigation measures necessary to maintain RFP and/or the NAAQS depending upon the condition at the time;

ADOPTION

12. BE IT FURTHER RESOLVED, that the Board adopts the Lake Tahoe Plan as amended by its action at its May 9, 1979 public hearing on this matter. As such, the Board specifically adopts the following measures: T-1, T-4, T-5, T-6, T-7, T-9, T-10, T-11, T-12, T-14, T-15,

2. State of California - Department of Fish and Game

STATE OF CALIFORNIA—RESOURCES AGENCY EDMUND G. BROWN JR., Governor

DEPARTMENT OF FISH AND GAME
EGION 2
1701 NIMBUS ROAD, SUITE A
RANCHO CORDOVA, CALIFORNIA 95670
(916) 355-7030

RECEIVED
JAN 21 1981
S.T.P.U.D.

January 19, 1981

Jim Cofer, General Manager/District Engineer
South Tahoe Public Utility District
P. O. Box AU
South Lake Tahoe, CA 95705

Dear Mr. Cofer:

Pursuant to a request from Andy Hauge, the following are our comments pertaining to items 20-23, page 3-1, of your report entitled, "Mitigation Program November 1980."

Items 20-23, the Department would be pleased to work closely with the governmental agencies (i.e., USFS, TRPA, CTRPA, County, etc.) to protect the natural resources within the Lake Tahoe Basin.

If we can be of further assistance, please contact Jerry Mensch, Environmental Services Supervisor. Jerry's telephone number is (916) 355-7030.

Sincerely,

John B. McKusick

John B. McKusick
Acting Regional Manager

cc: Andy J. Hauge
1415 18th St.
Suite 611
Bakersfield, CA 93301

3. State of California - Department of Motor Vehicles

STATE OF CALIFORNIA —— BUSINESS AND TRANSPORTATION AGENCY

DEPARTMENT OF MOTOR VEHICLES
DIVISION OF FIELD OFFICE OPERATION
P. O. BOX 2411
SACRAMENTO, CALIFORNIA 95811
(916) 445-6495

November 5, 1980

QUAD Consultants
Suite 611-615
Great Western Savings Building
1415 18th Street
Bakersfield, CA 93301

Gentlemen:

I am writing to you in response to your letter dated October 21, 1980. A copy is attached.

Item 1, mitigation measures currently in effect:

SMOG CERTIFICATION PROGRAM - The Department of Motor Vehicles shall require certification of vehicle inspection for air pollution control as a prerequisite to registration or transfer of any motor vehicle subject to air pollution control regulations. (Sections 4000 (b), 4000.1, 4000.2, 24007, 27156, and 27157 V.C.)

These certificates are issued by service stations and garages licensed by the Air Resources Board, Bureau of Automotive Repair, 3116 Bradshaw Road, Sacramento, CA 95827, telephone (916) 366-5021.

This program is mandated by the California Legislature.

LICENSE EXTENSION PROGRAM (AB 777) - This program provides for a four year license extension to those persons who have managed to drive for the past four years without a traffic ticket or being involved in a traffic accident. Please see news release attached.

EARLY START PROGRAM - Under this program we send drivers license personnel to secondary schools driver training classes to start drivers license applications and issue instruction permits. This program has been very successful.

ENHANCED RENEWAL PROGRAM - This is a vehicle license renewal by mail program. Vehicle owners are sent a billing for their yearly vehicle registration along with a return envelope, and encouraged to mail their license renewal back to a central registration unit in Sacramento, rather than take it back to the local department.

FO 14 (REV. 2/75)

ENVELOPE PROCEDURE - Under this procedure, when an applicant comes to the Department of Motor Vehicles to register their vehicle, frequently we cannot complete the application because it may lack a necessary document. An example would be a smog certificate. When this occurs, we complete the application as fully as possible, give the applicant a self-addressed envelope and request they mail it back rather than make another trip to the department.

The above programs and procedures are designed to:

1. Save money
2. Reduce traffic in DMV field offices
3. Save energy
4. Reduce vehicle pollution

You are aware most DMV programs are mandated by the legislature. When and if new laws are passed, we will administer them as directed. Hopefully the brief explanation of ongoing conservation programs will assist you in preparing the draft Environmental Impact Statement. If we may be of any further assistance, please call me at (916) 445-6495.

Sincerely,

B. Anderson

B. A. ANDERSON
District Manager

Enclosures

4. State of California - Department of Parks and Recreation

STATE OF CALIFORNIA—RESOURCES AGENCY
EDMUND G. BROWN JR., Governor

DEPARTMENT OF PARKS AND RECREATION
4125 WEST LANE
STOCKTON, CALIFORNIA 95204
Ph: (209) 948-7782

January 13, 1981

JAN 16 REC'D

Mr. Anders J. Hauge
Senior Planner
QUAD Consultants
Post Office Box AU
South Lake Tahoe, CA 95705

Dear Andy:

On January 9, 1981, we received your phone call requesting comments on the one listed mitigation measure for the California Department of Parks and Recreation in relation to the proposed expansion of the South Tahoe PUD wastewater treatment facility.

Our department does and has acquired land for the public recreation use within the Lake Tahoe Basin. The only State Park unit within the service area of the South Tahoe PUD is the Eagle Point Campground on the South Shore of Emerald Bay.

> Item 74: Acquire land for public recreation use. There are currently no plans for further acquisitions in the South Tahoe area.

Our facilities inventory at the Eagle Point Unit are:

- 1 Kiosk
- 2 Combination Bldgs. (Showers & Rest rooms)
- 4 Comfort Stations
- 4 Sewer lift stations
- 120 Family camp sites
- 1 Campfire Center
- 1 Water Pump House
- 2 Water Storage Tanks
- 1580 sq. yds. paved roads and parking.

No additional developments are planned for this unit.

The area of Emerald Bay State Park is 590 acres with a lake frontage of 14,130 feet. This includes the total shore line of Emerald Bay and includes in addition to Eagle Point the Vikingsholm unit, a boat in camp on the North Shore and Fannette Island.

I hope the above information will be adequate for your requirements. If additional details are needed, it is possible Sierra Area Mgr., Bob Macomber at Sugar Pine Point, Phone (916) 525-7232 may be of assistance.

Raymond E. Westberg
Regional Director, Inland Region

cc: Sierra Area
Ted Wilson

STATE OF CALIFORNIA—THE RESOURCES AGENCY
EDMUND G. BROWN JR., Governor

DEPARTMENT OF PARKS AND RECREATION
Sierra Area Headquarters
P.O. Drawer D
Tahoma, California 95733
(916) 525-7232

March 12, 1981

Quad Consultants
1415 - 18th Street, Suite 611
Bakersfield, California 93301

You have requested some supplemental information concerning the California State Park units in the Tahoe Basin. We offer the following:

Acreage:	4,936
Campsites:	452
Acquisition Costs:	$14,467,225
Operating Costs:	$ 1,000,000

We currently have a permanent staff of 22 people in the Tahoe Basin and spend about $150,000 to hire seasonal employees. Our only planned future development is at Burton Creek State Park. This unit is nearly 2,000 acres and should be developed within the next ten years.

We hope this information meets your needs.

Sincerely,

Robert G. Macomber
Area Manager

5. State of California - Department of Water Resources

STATE OF CALIFORNIA—RESOURCES AGENCY EDMUND G. BROWN JR., Governor

DEPARTMENT OF WATER RESOURCES

CENTRAL DISTRICT
3251 S STREET
P. O. BOX 160088
SACRAMENTO
95816
(916) 445-5631

NOV 0 6 REC'D

NOV 4 1980

Mr. Anders J. Hauge
Senior Planner
Quad Consultants
Great Western Savings Building
1415 18th Street, Suite 611-615
Bakersfield, CA 93301

Dear Mr. Hauge:

This is in reply to your letter of October 21, 1980. In connection with the proposed modification of the South Tahoe Public Utilities District (STPUD) plant, the draft Environmental Impact Statement (EIS) identified certain mitigation measures that would be needed to overcome project impacts.

Implementation of a water quality monitoring program was shown as the responsibility of the Department of Water Resources (the Department), among other agencies. In its comments on the draft EIS, the State of California Resources Agency made the following statement:

> "The mitigation measures contained in the report lack any legally enforceable commitments for implementation by local and State government and have not been approved by EPA."

Accordingly, the Department does not consider itself responsible for mitigating impacts of the proposed construction.

The Department participates in an interagency water quality monitoring program in the Lake Tahoe Basin. The purpose of the program is to provide water quality information needed by the participants. While it is presently anticipated that the program would continue indefinitely, the extent and continuance of the program are dependent upon the needs of the participants. The following agencies are current participants in the Interagency Program:

California State Agencies

Department of Transportation
Department of Water Resources
State Water Resources Control Board
University of California at Davis,
Tahoe Research Group

U. S. Government Agencies

Forest Service
Geological Survey

Under the Interagency Program, the Department began monitoring in August 1979. The Department's part of the Program consists of sampling four deep lake stations each May, August, and September. A description of the work performed and samples collected is to be found in the attached work instructions.

Since your letter states that EPA has determined that the secondary impacts must be mitigated, STPUD may want to consider participating in the Interagency Program. The Program Director is Dr. Robert Leonard. His address and telephone number are:

Dr. Robert Leonard, Director
Interagency Program for Lake Tahoe
Basin Water Quality Monitoring
P. O. Box 1125
Tahoe City, CA 95730
Telephone No.: (916) 583-3279

Sincerely,

Wayne MacRostie, Chief
Central District

Attachment

cc: Dr. Robert Leonard, Director
Interagency Program for Lake Tahoe
Basin Water Quality Monitoring

1980 Work Statement
Interagency Program for Lake Tahoe Basin Water Quality Monitoring

I. Summary of Agency Participation

	Funds	Services
SWRCB	$35,000	
DWR		$20,000
USGS		$72,000
TRG		$22,000
CALTRANS	$10,000	
CTRPA	$ 5,000 *	
USFS	$ 5,000	

II. Monitoring Program

A. Work to Be Performed by USGS and TRG

Precipitation

Locations of Stations: Upper Ward (2200 m elev.), Lower Ward (1900 m)

Sampling Frequency: Storm basis (some subdivided storms)

Parameters: Storm intensity and duration, continuous quantitative record of precipitation, pH, NH_4, NO_3, Total P, SO_4, Cl, Organic N

Streams

Locations of Stations: Ward, Blackwood, Trout and Third (gauging stations in operation); Upper Truckee River may be installed for spring runoff (Note: installation due for completion May 9).

Sampling Frequency: Ward and Blackwood- twice weekly during winter low flow with fair to poor sampling of recent heavy rain events; other 3 streams sampled infrequently to date. When program is fully operational, sampling of all streams will be consistent and timely.

Parameters: Water discharge, suspended sediment, NO_3, Total P, SRP, Total Fe, Organic N

Lake

Location of Stations: TRG Index Station, Deep Water Series (DWS) station (mid-lake, C-2, see DWR program)

Sampling Frequency: At approximate 10-day intervals in winter for Index, weekly beginning about May 1; four DWS samplings to Mar. 15, 1980 with at least four more in the water year.

Parameters: Index Station- PPR, zooplankton, phytoplankton, light, secchi disc, temp., NO_3, Total P., Total Fe.
DWS Station- NO_3, temp. (reversing thermometers)
(Parameters expanded as of 4/29/80)

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* Contractual arrangements for these funds have not yet been made

maximum fluorescence, (b) from a composite sample prepared from aliquots of each of the 10 m samples collected from above the depth of maximum fluorescence.

2. Analyses for chlorophyll extract, silica and turbidity will be run on samples collected as in item "1"
3. May-- At Station C-1 only, standard mineral analyses will be run on samples collected as in item "1".
4. August and September-- At Station C-1 only, partial mineral analyses will be run on samples collected as in item "1"
5. Zooplankton count and identification will be conducted on samples collected by vertical tows from 150 m to surface. Zooplankton will be separated from phytoplankton (if possible) and analyzed for suspended solids and volatile suspended solids.
6. Micronutrient*samples will be collected in May only from a depth at least 30 m below the one percent light level, or from a depth which is below the 0.5 percent light level.
7. Turbidity, phytoplankton and chlorophyll extract samples will be collected in May from the same depth as the micronutrient sample.
8. Micronutrient, turbidity, phytoplankton and chlorophyll extract samples will be collected in May at the Index Station as at the other stations.

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* Micronutrient as used here denotes limiting nutrients N, P, and Fe.

B. Work to be performed by DWR

LAKE

Location of Stations

1. C-1, the south center station of the former Joint Investigation.
2. D-1, the deep station (proposed by Technical Committee) near south Stateline (south of C-1).*
3. D-2, the proposed deep station near the mouth of Incline Creek.*
4. C-2**, the north center station of the former Joint Investigation.
5. D-4, the Index Station of TRG, to be sampled in May only for deep nutrient, phytoplankton and chlorophyll extract.

Sampling Frequency

Three cruises (3 days each) annually during first half of May, first half of August, and last half of September.

Field Determinations (C-1, D-1, D-2, and C-2)

1. Light transmittance and Secchi disk.
2. Four parameter profile at 5 m intervals to 130 m (pH, EC, DO, Temp.).
3. Chlorophyll fluorescence (*in vivo*) profile of samples collected at 10 m intervals to 20 m below the depth of maximum fluorescence.
4. DO (Winkler) on six deepest samples from field work item "3".

Laboratory Samples (C-1, D-1, D-2, and C-2)

1. Phytoplankton count and identification to species of three or four dominant species and to genus for remainder. Biovolume to be determined by dimensioning the average organism of each reported species or genus. Two samples will be collected from each station: (a) from depth of

---

* The new deep stations are to be in 160 m of water as near to the named landmark as possible.

** This mid-lake station will be sampled twice a month by the TRG (in conjunction with alternate Index Station LTP's) covering the same parameters as at the Index Station (excluding zooplankton and colored filters for light measurement).

6. State of California - Resources Agency, California Regional Water quality Control Board, Lahontan Region

STATE OF CALIFORNIA—RESOURCES AGENCY EDMUND G. BROWN JR., Governor

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD—
LAHONTAN REGION
2092 LAKE TAHOE BOULEVARD
P.O. BOX 14367
SOUTH LAKE TAHOE, CALIFORNIA 95702
(916) 544-3481

October 30, 1980

Mr. James Cofer
General Manager
South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, California 95705

Dear Mr. Cofer:

COMMITMENT TO IMPLEMENT MITIGATION MEASURES

Enclosed is the written commitment of this agency to implement appropriate mitigation measures identified in the Environmental Impact Statement (EIS) for construction of wastewater facilities for the South Tahoe Public Utility District.

The identified mitigation measures fall within the existing authority and jurisdiction of this agency, and therefore no formal Regional Board ratification is necessary.

You may contact Mr. David C. Antonucci or Mr. Charles A. White at the above number if you should have any questions or need to discuss this matter further.

Very truly yours,

Roy C. Hampson

ROY C. HAMPSON
EXECUTIVE OFFICER

Enclosure

cc: Regional Board
Anders Hauge, Quad Consultants

MITIGATION MEASURE COMMITMENT

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD, LAHONTAN REGION

UTILITIES

118. 2. Monitor groundwater and irrigated runoff to ensure that land application of secondary effluent is not detrimental to surface and groundwater quality.

The Regional Board is willing and fully capable of implementing this mitigation measure. California water pollution control law requires dischargers to conduct self-monitoring of their waste discharges and the effects of such waste discharges on waters of the State. The Regional Board will specify a self-monitoring program setting forth the parameters, methods, frequencies, and locations for sampling and will include monitoring of the discharge, surface waters, and groundwaters.

The discharger will be required to submit periodic reports of sampling results to the Regional Board for review and to verify compliance. The review of self-monitoring data will be supplemented by unannounced on-site inspections and collection of samples for analysis and review by the Regional Board.

UTILITIES

119. 3. Maintain reliable treatment to ensure public health protection against potential hazards from using secondary effluent for irrigation.

The Regional Board is vested with the authority to ascertain and require continuous reliability of treatment facilities to ensure public health protection and is fully prepared to implement this mitigation measure.

As a first step, the Regional Board will establish a waste discharge requirement order that will prescribe the effluent limitations necessary to protect public health and meet water quality objectives. Mitigation Measure 118.2 describes the procedure for monitoring compliance with the waste discharge order. Reliability for public health protection will therefore be assured by review of monitoring data and conduct of on-site inspections, with comparison of this information to conditions set forth in the waste discharge order.

Conditions of non-compliance or threatened non-compliance, whether related to public health or not, will be addressed by appropriate enforcement action as outlined in the Water Code. This may include enforcement orders to upgrade or improve treatment facilities and bans on new sewer connections until violations are corrected.

WATER RESOURCES AND WATER QUALITY

2. 2. Implement best management practices (BMP) for erosion and sediment control, especially in high erosion hazard lands.

The Regional Board will take full responsibility for implementing the water quality control plan as adopted by the State Water Resources Control Board (State Board). Unless another agency is designated by the State Board, the Regional Board will exercise the full range of its statutory authority to implement the following plan components:

o Remedial erosion control projects. These projects include revegetation, slope stabilization, roadside drainage and similar controls to correct erosion problems.

The State Board will grant $10 million to the Regional Board as part of the 1978 Clean Water Bond Law to implement these projects. In addition, the Regional Board, in cooperation with the State Board will apply for available federal funds, such as through Environmental Protection Agency's Clean Lakes grant program, to provide supplementary funds. The Regional Board will encourage participation by local government in these programs to the greatest possible extent.

o On-site controls. Better operating practices and installation of drainage facilities are needed to reduce pollutants in runoff for specific sites such as golf courses and large parking lots.

The Regional Board will exercise the full range of its regulatory and enforcement powers under state law to ensure proper implementation of on-site controls.

o Restrictions on development. New subdivisions must be prohibited in stream environment zones or where development would result in land coverage or disturbance in excess of land capability.

Within 18 months of adoption of the Lake Tahoe water quality plan by the State Board, the Regional Board will adopt and implement an offset strategy which will prohibit development not constructed in association with remedial erosion control projects. The Regional Board will exercise the full range of its regulatory and enforcement powers under state law to ensure that these development prohibitions are fully implemented.

o Forest practices. Better operating practices for timber harvest and ski areas are required. Erosion from dirt roads and other forest land disturbances must be reduced.

The Regional Board will exercise the full range of its regulatory and enforcement powers under state law to ensure that proper forest practices will be fully implemented.

Adoption of the Lake Tahoe water quality control plan by the State Board will constitute a commitment by the State Board and the Lahontan Regional Board to enforce all of the control measures set by the plan.

4. 4. Implement water quality monitoring program to document changes in physical, chemical and biological characteristics of basin waters.

The California State Water Resources Control Board, in conjunction with the Regional Board and other state and federal agencies, has developed a comprehensive monitoring program based, in part, on an existing monitoring program conducted by the University of California at Davis (Tahoe Research Group). The State Water Resources Control Board approved the monitoring program on October 18, 1979. The locations of sampling sites and types of measurements for existing and proposed monitoring programs are identified in the following table:

STATE OF CALIFORNIA

Tributary Stream Monitoring

SAMPLING SITES:

1. Upper Truckee River
2. Trout Creek
3. Blackwood Creek
4. Ward Creek
5. General Creek
6. Burton Creek
7. Incline Creek
8. Third Creek
9. Edgewood Creek

MEASUREMENTS:

Flow, suspended solids, nitrate orthophosphorus, total phosphorus, iron, temperature, turbidity, conductivity, ammonia, and total organic nitrogen

FREQUENCY:

52 times a year at each site

LAKE MONITORING

SAMPLING SITES:

1. Index Station off Tahoe Pines -- presently being monitored by the Tahoe Research Group
2. Center Station, South--Lat. 39° 00.0'N, Long. 120°00.0'W
3. Center Station, North--Lat. 39° 08.7'N, Long. 120° 00.8'W
4. *Off the Incline--Third Creek area
5. *Off Tahoe City
6. *Off Upper Truckee River
7. *Off East Shore between Deadman's Point and Skunk Harbor
8. *Off Rubican Point

* - Exact location to be selected

MEASUREMENTS:

Temperature, dissolved oxygen, chlorophyll, light transmittance, phytoplankton and zooplankton (identification, enumeration and biomass), primary productivity, nitrate, orthophosphate, total phosphorus, and total iron. A sufficient number of measurements will be made to characterize these properties through the euphotic zone (to a depth of 100 meters or more below the surface).

FREQUENCY:

36 times a year at Index Station, Four times a year at other stations.

In addition, the Regional Board will commence an intense waste discharge surveillance and monitoring program beginning no later than January 1, 1981. The purpose of this program will be to identify, locate, and evaluate specific waste discharge problems in the California portion of the Lake Tahoe Basin. This program will be closely tied to the Regional Board's regulatory and enforcement program. The program will focus on the collection of water quality samples at specific locations during runoff events.

STATE OF CALIFORNIA--RESOURCES AGENCY EDMUND G. BROWN JR., *Governor*

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION
2092 LAKE TAHOE BOULEVARD
P. O. BOX 14367
SOUTH LAKE TAHOE, CALIFORNIA 95702

(916) 544-3481

RECEIVED
MAR 13 1981
S.T.P.U.D.

March 11, 1981

Mr. James Cofer
General Manager
South Tahoe Public Utility District
Post Office Box AU
South Lake Tahoe, California 95705

SUPPLEMENT TO IMPLEMENTATION STATEMENT, MITIGATION PROGRAM, PROPOSED WASTE-WATER TREATMENT FACILITIES MODIFICATION

Dear Mr. Cofer:

Our letter of October 30, 1980 summarized the Regional Board's authority and commitment to implement water quality-related mitigation measures for the proposed modification of the South Tahoe Public Utility District (STPUD) wastewater treatment facilities. This summary of commitments was included in QUAD Consultants' January, 1981 report: "Mitigation Program and Agency Implementation Statements." Further details on the Regional Board's legal, financial and institutional authority to implement mitigation measures have since been requested.

The QUAD Consultants' report lists 21 mitigation measures for which the Regional Board has responsibility, either through direct implementation or through coordination and enforcement of implementation by other agencies. These commitments were implicit in the adoption of the State Water Resources Control Board's "Lake Tahoe Basin Water Quality Plan" (SWRCB Plan).

Legal Authority

The Regional Board's authority comes ultimately from California's Porter-Cologne Act and the federal Clean Water Act, and from policies and regulations formulated to implement these laws. The state and federal nondegradation policies are important considerations in all decision-making affecting the Lake Tahoe Basin.

These laws include the authority for the Regional Board to formulate and adopt water quality control plans, to issue and enforce compliance with National Pollutant Discharge Elimination System (NPDES) permits and waste discharge requirements, to inspect and monitor discharges, and to correct problems through Cleanup and Abatement Orders and Cease and Desist Orders.

The Regional Board is also subject to the requirements of the California Environmental Quality Act and must mitigate adverse environmental impacts resulting from its decisions.

In 1975 the Regional Board adopted the "Water Quality Control Plan for the North Lahontan Basin" (Basin Plan) which included water quality objectives and control measures for the Lake Tahoe Basin. The SWRCB Plan, upon its adoption by the State Board on October 29, 1980 superseded those portions of the Basin Plan where differences exist between the two documents. The portions of the 1975 Basin Plan which remain in effect include the prohibitions against discharges or threatened discharges into Lake Tahoe and its tributaries (Attachment 1).

The major responsibilities of the Regional Board under the SWRCB Plan include the following:

- waste discharge reconnaissance
- issuance of waste discharge permits to new and existing development
- enforcement of prohibitions on discharge from certain types of development
- formulation of an offset policy for discharges from permitted development
- participation in an interagency monitoring program
- coordination and administration of grant funding for remedial erosion and drainage control projects
- further planning activities.

A detailed task-by-task explanation of projected Regional Board staff activities in the Tahoe Basin is included in Attachment 2.

Financial/Institutional Authority

Funding for the Regional Board's Lake Tahoe Basin activities includes:

1) An allocation from the California legislature to fund 7.8 new and 2.5 existing staff positions for 1980-81. Similar levels are projected for the next 5 years.

2) A commitment by the State Board of $10,000,000 from the California Clean Water and Water Conservation Bond Law of 1978, to be used as the state share of funding for remedial erosion and runoff control projects over a twenty-year period.

3) A commitment from the U. S. Environmental Protection Agency of $946,000 in Clean Lakes Grant funds to be used as matching funds for the first series of remedial control projects.

The SWRCB Plan (Chapter IV) outlines other possible sources of funding which could be used to supplement those above.

Attachment 3 shows Regional Board staff time allocations for various aspects of the Lake Tahoe program over the next five years. Six new staff members have been hired to date. We expect to hire a fulltime chemist and to upgrade our laboratory so that most analyses of samples collected in our surveillance and monitoring program can be performed in-house. Regional Board staff will continue coordination of planning and enforcement activities with those of other agencies as appropriate.

In summary, the Regional Board has the authority, the funding, and the staff needed to implement the mitigation measures to which it is committed. Please contact Charles White at this office if you wish to discuss this matter further.

Very truly yours,

ROY C. HAMPSON
EXECUTIVE OFFICER

Attachments

cc: Andrew Sawyer/SWRCB
David Clark/Environmental Protection Agency

ATTACHMENT 1

Waste Discharge Prohibitions

In order to achieve water quality objectives, protect all present and future beneficial water uses, protect public health, and prevent the creation of a nuisance, the California Water Code precludes the use of septic tank systems in the Lake Tahoe Basin.

It is recommended that a long-range goal of eliminating septic tank systems in the Truckee River HU be adopted by local planning agencies. Existing sewage systems in the Truckee River HU have essentially eliminated all septic tanks in areas of concentrated development; however, existing isolated parcels are currently on septic tanks, and current land-use planning in the HU appears to acknowledge continued reliance on the systems. It is recognized that economics preclude connecting all these individual systems to the Truckee Sanitary District system immediately, or even in the near future; however, once the Tahoe-Truckee Sanitation Agency system is constructed, system planning can be oriented toward providing hookups for the individual systems. This goal will be pursued by the Regional Board before 1980.

The following prohibitions apply to the Surprise Valley HU, Eagle Lake HU, Madeline Plains HU, and the Honey Lake HU.

1. The discharge of wastes from boats, marinas, or other shoreline appurtenances into the lakes or streams of the Hydrologic Unit is prohibited.

2. The discharge of untreated sewage, garbage or other solid wastes, or industrial wastes into the surface waters of the Hydrologic Unit is prohibited.

3. The discharge of waste earthen material or of any other waste as defined in Section 13050(d) of the California Water Code which would violate the water quality objectives of this plan, or otherwise adversely affect the beneficial uses of this plan, is prohibited.

The prohibitions listed below apply to the Truckee River HU, Lake Tahoe HU, East and West Fork Carson River HU's, and the East and West Walker River HU's.

1. The discharge of wastes from boats, marinas, or other shoreline appurtenances into the surface waters of the Hydrologic Unit is prohibited.
2. The discharge of any waste or deleterious material to surface waters in the Hydrologic Unit is prohibited.
3. The discharge of waste earthen material or of any other waste as defined in Section 13050(d) of the California Water Code which would violate the water quality objectives of this plan, or otherwise adversely affect the beneficial uses of this plan, is prohibited.
4. The following additional prohibitions shall apply to the Lake Tahoe Basin and Truckee River Basin HU's:

    a. The discharge of treated or untreated domestic sewage, industrial waste, garbage or other solid wastes, or any other deleterious material to the surface waters of the Lake Tahoe Basin or Truckee River Basin is prohibited.

    b. The discharge, attributable to human activities, of solid or liquid waste materials, including soil, silt, clay, sand, and other organic and earthen materials, to the surface waters of the Lake Tahoe Basin or Truckee River Basin is prohibited.

    c. The discharge, attributable to human activities, of solid or liquid waste materials including soil, silt, clay, sand, and other organic and earthen materials to lands below the highwater rim of Lake Tahoe or within the 100-year flood plain of the Truckee River or any tributary to Lake Tahoe or the Truckee River is prohibited.

    d. The threatened discharge, attributable to human activities, of solid or liquid waste materials including soil, silt, clay, sand, and other organic and earthen materials, due to the placement of said materials below the highwater rim of Lake Tahoe or within the 100-year flood plain of the Truckee River or any tributary to Lake Tahoe or the Truckee River is prohibited.

ATTACHMENT 2

Task Description

The following tasks describe the implementation requirements of the Lake Tahoe Water Quality Plan. The tasks are generally divided into four categories:

1. Regulation and enforcement
2. Planning and implementation
3. Plan coordination
4. Legal counsel

Task 1 - Regulation and Enforcement

a. Waste discharge reconnaissance. Reconnaissance level inspection of all areas of the Lake Tahoe Basin identify and prioritize activities which will be issued waste discharge requirements.

b. Waste discharge requirements on existing development. Based upon the reconnaissance prioritization, waste discharge requirements will be issued on all activities which discharge or threaten to discharge waste.

c. Waste discharge requirements on new development. Plans will be reviewed to insure conformance with land capability system, implementation of remedial and offset control strategies by local government, and to insure implementation of adequate onsite control strategies.

d. Issuance of NPDES storm sewer permits. Storm sewer permits will be issued to local governmental jurisdiction establishing waste discharge requirements, corrective actions required, and time schedules for implementation of corrective actions.

e. Cease and desist orders. These orders will be issued in the event that any activity causes or threatens to cause a discharge of waste in violation of prohibitions contained in the plan or waste discharge requirements.

f. Clean-up and abatement orders. These orders will be issued in the event a discharge of waste continues or threatens to continue in violation of a board order.

g. Legal actions. Information will be prepared for court actions taken against dischargers who continue to violate Regional or State Board orders.

h. Compliance inspections. These inspections will be made to insure compliance with all orders issued by the Regional Board.

i. Water Quality Monitoring. Field monitoring will be conducted on all activities with orders issued by the Board during potential waste discharge events.

Task 2 - Planning and Implementation

a. Interagency coordination. This task will monitor the activities of governmental agencies with activities in the Lake Tahoe Basin to assess compliance with the plan.

b. Erosion control projects. This task will involve the evaluation, prioritization, contract development, and monitoring of the design and construction of all remedial erosion control projects implemented under this plan.

c. Clean-up and abatement projects. This task will involve the evaluation, contract development, and monitoring of the design and construction of all clean-up and abatement projects initiated by the Regional Board.

d. Demonstration and research projects. This will involve coordination of all water quality related demonstration and research projects in the Lake Tahoe Basin.

e. Onsite control strategies. This will involve the development and implementation of appropriate control strategies for individual onsite problem areas.

f. Jurisdictional offset implementation. This will involve coordination of commitment by local governmental jurisdictions to implement necessary remedial control measures prior to further development in the Lake Tahoe Basin.

g. Individual offset implementation. This will involve the implementation and administration of the individual offset strategy in the event that jurisdictional offsets are not implemented.

h. Grant application. Applications for control measure funding by means of federal and state programs will be sought with the assistance of the State Board's coordinator.

i. Program development. This task will monitor and evaluate the progress of the overall program and prepare revisions to the plan for consideration by the Regional and State Boards.

j. Special studies and surveys. Management and implementation of special studies and surveys required by the plan.

k. Program information. Presentations and preparation of information on the program as requested.

Task 3 - State Board Coordination

a. State Board policy coordination. To insure that continuing State Board policy coincides with the program as implemented by the Regional Board.

b. Legislation. To assist in the preparation of legislation as required to fully implement the plan.

c. State and Federal coordination. Coordination of plan implementation with other State and Federal programs.

d. Program development. Monitor and evaluate the progress of the overall program and prepare revisions to the plan for consideration by the State and Regional Boards.

Task 4 - Legal

a. Permits and orders. Assistance and advice in the preparation of Regional Board permits and orders.

b. Contracts. Assistance and advice in the preparation of contracts for remedial projects.

c. Court referrals. Assistance and advice in the preparation of information for court proceedings resulting from an enforcement action.

ATTACHMENT 5

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
LAHONTAN REGION

TASK NO.		REGIONAL BOARD FIVE-YEAR STAFFING REQUIREMENTS A/				
		1	2	3	4	5
	LAKE TAHOE SURVEILLANCE AND MONITORING					
111-01	Surveillance and Monitoring Management	0.10	0.10	0.10	0.10	0.10
111-02	Water Quality Monitoring Program	0.10	0.10	0.10	0.10	0.10
111-03	Water Quality Sampling	0.50	0.50	0.60	0.90	0.90
		0.70	0.70	0.80	1.10	1.10
	LAKE TAHOE REGULATORY & ENFORCEMENT					
120-01	Regulatory Management	0.70	0.70	0.60	0.40	0.30
120-02	Waste Discharge Reconnaissance	0.25	0.25	0.20	0.10	--
120-03	WDR's on Existing Development	0.75	0.75	0.60	0.40	--
120-04	WDR's on New Development	1.40	1.40	1.40	1.40	1.20
120-05	NPDES Storm Sewer Permits	0.60	0.60	0.50	0.40	0.10
120-06	Cease and Desist Orders	0.40	0.40	0.40	0.40	0.40
120-07	CleanUp and Abatement Orders	0.40	0.40	0.40	0.40	0.40
120-08	Legal Actions	0.20	0.20	0.20	0.20	0.20
120-09	Compliance Inspection	0.60	0.60	0.70	0.90	0.90
		5.30	5.30	5.00	4.60	3.50
	LAKE TAHOE PROJECT CO-ORDINATION					
121-01	Project Co-ordination Management)	These tasks are for State Board staff only - not for Regional Board staff.				
121-02	State Board Policy Co-ordination)					
121-03	Lake Tahoe Legislation)					
121-04	State and Federal Co-ordination)					
	LAKE TAHOE WATER QUALITY PLANNING					
172-01	Lake Tahoe Water Quality Program Development.	0.10	0.10	0.10	0.10	0.10
		0.10	0.10	0.10	0.10	0.10
	LAKE TAHOE GRANTS AND SPECIAL PROJECTS					
220-01	Project Management	0.70	0.70	0.60	0.40	0.30
220-02	Inter-Agency Co-ordination	0.70	0.70	0.70	0.60	0.50
220-03	Erosion Control Projects	1.00	1.00	1.00	1.00	1.00
220-04	CleanUp and Abatement Projects	B/	B/	B/	B/	B/
220-05	Demonstration and Research Projects	0.10	0.10	0.10	0.10	0.10
220-06	Onsite Control Strategies	0.10	0.10	0.10	0.10	0.10
220-07	Basic Offset Implementation	0.40	0.40	0.30	0.10	0.10
220-08	Individual Offset Implementation	0.10	0.10	0.10	0.10	0.10
220-09	Grant Application	0.50	0.50	0.30	0.20	0.10
220-10	Special Studies and Surveys	0.10	0.10	0.10	0.10	0.10
220-11	Program Information	0.50	0.50	0.40	0.30	0.20
		4.20	4.20	3.70	3.00	2.60
	TOTAL REGIONAL BOARD STAFFING	10.30	10.30	9.60	8.80	7.30

Footnotes:

A/ Person-years per year of Regional Board staff time.

B/ To be implemented only if voluntary projects under Task No. 220-03 are not implemented by local government.

7. State of California - Resources Agency, Water Resources Control Board

PEI 11.4

STATE OF CALIFORNIA—RESOURCES AGENCY
EDMUND G. BROWN JR., *Governor*

STATE WATER RESOURCES CONTROL BOARD
P.O. BOX 100, SACRAMENTO, CALIFORNIA 95801
(916) 445-3085

[illegible]

Mr. James Cofer
General Manager
South Tahoe Public
  Utility District
P. O. Box AU
South Lake Tahoe, CA 95705

Dear Mr. Cofer:

IMPLEMENTATION STATEMENT, MITIGATION PROGRAM, PROPOSED WASTEWATER TREATMENT FACILITIES MODIFICATION

The October 30, 1980 letter from the Lahontan Regional Water Quality Control Board outlines the commitment of the Regional Board and the State Water Resources Control Board to carry out certain water quality related actions. Those actions would mitigate impacts of proposed modifications to waste treatment facilities. This letter is intended to amplify our commitment to those actions.

The State Board's adoption of the Plan on October 29, 1980, constitutes a commitment on the part of both Boards to implement the water quality control measures in the Plan. As stated in the Plan: "In adopting this Plan, the State Board will be accepting responsibility to carry out the Plan, and to review decisions of the Lahontan Regional Board to ensure that they conform to the Plan."

As set forth in the Regional Board's March 11, 1981 supplement to its implementation statement, the Regional Board will enforce the controls in the Plan through National Pollutant Discharge Elimination System permits, waste discharge requirements, and other orders authorized by the Porter-Cologne Water Quality Control Act and the Clean Water Act.

The Plan also directs the State and Regional Boards to set conditions in grants and permits for sewage treatment facilities to assure protection of water quality. The Plan specifies:

> Conditions shall be set in these grants or permits to prohibit the sewerage agencies from providing any connection serving new development which is not in accordance with this plan. These conditions shall prohibit any connection serving new development in stream environment zones, in excess of land capability, or which is not in accord with the offset policy adopted pursuant to this plan.

Other grant and permit conditions required by the Plan will enforce controls relating to sewage overflows, sewerline exfiltration, structures not connected to the sewer system, and water use.

The basic authority of the State and Regional Boards' programs is provided by the Porter-Cologne Water Quality Control Act. The State Board adopted the Lake Tahoe Basin Water Quality Plan under this statute which also provides the authority for issuance of waste discharge requirements and other orders the Regional Board will use to implement the plan. In addition, the California Environmental Quality Act provides authority to condition issuance of grants and permits to avoid or mitigate adverse effects on environmental quality. The Attorney General has issued opinions upholding the State and Regional Boards' authority to issue enforcement orders addressing erosion and runoff problems and to condition grants and permits to sewerage agencies to avoid adverse environmental impacts.

As indicated in the Regional Board's March 11 letter, the Regional Board's budget includes 10.3 positions for implementation of the Lake Tahoe Basin Water Quality Plan. In addition, 2.2 positions at the State Board are allocated to the program, for a total of 12.5. Similar levels are projected for the next five years.

The State on March 19, 1981 allocated $10 million from the Clean Water and Water Conservation Bond Fund for erosion control projects at Lake Tahoe. On March 31, 1981, the State Board accepted a $946,932 Clean Lakes grant to be used for erosion control at Lake Tahoe. The State Board has also budgeted $45,000 for this year and next year for Lake Tahoe monitoring as part of an interagency monitoring program.

In summary, the State Board is strongly committed to implementation of the control measures needed to protect Lake Tahoe water quality, and is happy to have this commitment considered as part of the mitigation program for the proposed modifications to the South Tahoe Public Utility District treatment facilities.

Sincerely,

Clint Whitney
Executive Director

STATE OF CALIFORNIA—THE RESOURCES AGENCY
D G. BROWN JR., Governor

STATE WATER RESOURCES CONTROL BOARD
VISION OF WATER QUALITY
P. O. Box 100 • Sacramento 95801
(916) 445-7971

RECEIVED
MAR 2 6 1981
S.T.P.U.D.

In Reply Refer
to: 517:CR

MAR 2 4 1981

Ms. Sheila M. Prindiville
Acting Regional Administrator
U. S. Environmental Protection Agency
Region IX, Water Division
215 Fremont Street
San Francisco, CA 94105

Dear Ms. Prindiville:

SOUTH TAHOE PUBLIC UTILITY DISTRICT, PROJECT NO. C-06-1414; CERTIFICATION

You have asked the State Water Resources Control Board to comment on the facility plan update for the South Tahoe Public Utility District before the Environmental Protection Agency completes the environmental impact statement on the project. The State Board has reviewed the facility plan update and finds it satisfactory to proceed with the final environmental impact statement.

We have reviewed the methodology used to estimate plant capacity, on the basis of sewer units, and find that methodology acceptable. As proposed. the project will provide increased reliability, not an expansion of capacity for new connections. In order to ensure that the upgraded facilities will in fact provide that reliability, and not an expansion of capacity, new connections must be issued based on the same conservative assumptions used to estimate available capacity. The grant contract therefore should include a condition limiting new connections to the number set forth in the facility plan update. Such a condition would also assure that the construction of the project conforms to the revised Tahoe Regional Planning Compact.

Certain additional conditions will be included in the grant contract, after consultation with the South Tahoe Public Utility District, as mitigation of environmental impacts. In its comments on the environmental impact statement on the proposed facilities, the State Board stated that the project would not be on the State's priority list unless certain conditions were met. Among the mitigation commitments obtained by the District in response to the environmental impact statement is a commitment that the State and Regional Board will implement the Lake Tahoe Basin Water Quality Plan. The Plan requires the State and Regional Boards to set certain conditions in grants and waste discharge requirements. With these conditions in the grant contract, and with the other mitigation commitments obtained by the District, the proposed project satisfies the requirements to remain on the State Board's priority list for a Step II grant. The State

Board will review the progress concerning implementation of mitigation measures before making a final decision on the Step III grant.

Enclosed is a copy of the current NPDES permit for the South Tahoe Public Utility District.

There are some technical questions, with regard to the Facility Plan Update, that will be resolved during the design phase of this project.

The technical appendix referred to in the Facility Plan Update is being reviewed separately and will be commented on at a later time.

As you know, funding cutbacks proposed by the Reagan Administration have created a great deal of uncertainty as to how much funding will be available for municipal wastewater treatment facilities. The limited availability of funds may require a reevaluation of the State's priority list. Approval of the facility plan update therefore should not be taken as a guarantee that sufficient funds will be available, and the project will be high enough on the priority list, to assure grant funding for the project.

Sincerely,

Raymond Walsh, Chief
Division of Water Quality
Manager - Clean Water Grant Program

Enclosures

cc: Mr. Dave Clark
Environmental Protection Agency
Region IX
215 Fremont Street
San Francisco, CA 94105

Mr. Jim Cofer
South Tahoe Public Utility District
P. O. Box AU
South Tahoe, CA 95705

Mr. Jim Kuykendall
California Regional Water Quality
Control Board
Lahontan Region
2092 Lake Tahoe Blvd.
So. Lake Tahoe, CA 95702

8. California Tahoe Regional Planning Agency (CTRPA)

California Tahoe Regional Planning Agency

916 541 6770

P O Box 14467 So Lake Tahoe CA 95702

February 9, 1981

RECEIVED
FEB 1981
S.T.P.U.D.

Jim Cofer, Manager
South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, CA 95705

RE: Commitment to Implement Mitigation Measures

Dear Mr. Cofer:

On February 6, 1981, the CTRPA Governing Board endorsed transmittal of the following statements regarding CTRPA commitment to a mitigation program with STPUD.

The CTRPA has been requested to make commitments to implement appropriate mitigation measures identified in the Environmental Impact Statement (EIS) for construction of wastewater facilities for the South Tahoe Public Utility District. The November 1980 CTRPA Regional Plan and proposed Ordinance structure does provide the necessary mitigation specified for CTRPA. However, we regret that we cannot insure continuing long range implementation and enforcement of these mitigation measures.

Chapter 833 of the California Statues of 1980, provides that CTRPA will no longer be funded after TRPA has adopted new plans and ordinances under the Bi-state Compact. As this is scheduled to take place by approximately May 1, 1980, CTRPA can only make commitments of a temporary or short term nature. CTRPA may also experience budget cutbacks over the next two years which may seriously hamper out ability to provide the necessary level of implementation to carry out the mitigation program.

The 1975 CTRPA Plan is "floored in" under the new Compact on the California side of the Basin. While the updated Regional Plan adopted in November 1980 by CTRPA is currently being enforced by CTRPA, the Compact does not require TRPA to enforce it. This Plan sets forth many mitigation measures which are a part of the proposed mitigation program for the STPUD sewer expansion. For example, the 1980 Plan imposes an interim prohibition on development within fragile lands, requires strict adherence to the land capability system and provides a mechanism for the transfer of development rights. Implementation of these measures by CTRPA are in doubt in the long term, given the uncertainty of future funding for CTRPA.

Further, in light of the new Compact, the President's Executive Order and the Burton-Santini Bill, the CTRPA Regional Plan must be viewed as transitional. It's current purpose is to provide short term environmental protection and lay the ground work for future planning at Lake Tahoe. Actions identified in the Plan, particularly those dealing with permit allocations, are temporary controls. While CTRPA may be continued by future actions of the California Legislature, such continuation is wholly speculative.

Reduced funding of CTRPA and an increased role by TRPA will reduce this Agency's efforts in long range planning studies and research projects. CTRPA will concentrate on implementation and enforcement of the new CTRPA Plan.

We assume that EPA will require that the mitigation measures specified for CTRPA implementation are to be permanent or provide long term environmental protection. At this point in time, CTRPA cannot make these long term commitments.

Attached to this letter is a brief discussion of the mitigation measures identified for CTRPA and how they are implemented by the Agency and a summary of the major provisions of the November 1980 Plan.

Sincerely,

Dennis Winslow
Executive Officer

DW/mnm

enclosure

The mitigation measures identified in the Mitigation Program, November 1980, for CTRPA implementation are an accurate statement of our authority although some measures require Ordinance adoption for implementation based upon the new CTRPA Regional Plan. A brief discussion of these measures follows:

Water Quality

The November 1980 Regional Plan imposes a temporary prohibition on development within high hazard lands and stream environment zones. The Plan provides for the transfer or sale of permits allocated within these fragile areas to lands more suited for development (Class 4-7 lands).

The Plan continues the "85% build out rule" which prohibits further subdivision until 85% of the existing lots are utilized for the construction of a single family home or commercial structure.

The Plan also requires a more strict adherence to the land capability system standards and imposes restrictions on new or expansion of marinas, ski areas and golf courses within the region.

Existing CTRPA Ordinances requires Agency review of most proposed projects (commercial and single family) and conditions may be imposed to protect vegetation and reduce land disturbance and grading. Best management practices are to be used as a guide.

Air Quality

The CTRPA Transportation Plan which is expressely not floored into the new TRPA, contains mechanisms to improve air quality. The Plan emphasizes the development of a transit system that de-emphasizes the use of the automobile, and would reduce auto emissions and traffic congestion. An Indirect Source Review Ordinance has been adopted by CTRPA which requires new development to mitigate new emissions by 1-1/2 times. CTRPA has also adopted a prohibition on dirve-up windows to reduce idling time and auto emissions.

The Transportation Plan also sets forth noise standards which deals primarily with aircraft noise related to use of the local airport. A noise control ordinance has not been adopted by CTRPA nor is one contemplated in the next year's work program.

SUMMARY - 1980 CALIFORNIA TAHOE REGIONAL PLANNING AGENCY REGIONAL PLAN ADOPTED NOVEMBER 2, 1980

Lake Tahoe and its surrounding basin are national treasures of extraordinary beauty and high environmental sensitivity. Recent studies agree that sediments and nutrients continue to enter the Lake as a result of past urbanization. It is also agreed that future development under present controls would continue the trend of deterioration of the Basin's waters. Air pollution, specifically carbon monoxide, still exceeds State and Federal health standards. Traffic congestion is a common frustration for residents and visitors alike. Affordable housing for many of those employed in the region's businesses is becoming difficult to find. The visual aspects of many commercial and developed areas are in stark contrast to the Basin's scenic quality. Recreational opportunities, including access to the Lake, should be improved.

Progress has been made in halting the degradation, associated with poor development practices of this remarkable resource through the efforts of many individuals, organizations and governmental agencies. Yet much still remains to be done.

In view of these continuing problems and experience with CTRPA's adopted 1975 Regional Plan, a process of updating the Plan began in 1978. A draft of the Plan Update, including the detailed Transportation Plan and accompanying Environmental Impact Report underwent public and agency review and on November 7, 1980 the CTRPA Governing Board adopted the Plan Update. A brief summary of the major provisions of the 1980 Plan Update follows.

LAND USE/ENVIRONMENTAL QUALITY

1. Fragile Land Protection

   In order to prevent further deterioration of the water quality of Lake Tahoe and to protect valuable habitats, the Plan imposes a temporary prohibition on development of land capabilities classes 1, 2 and 3 and stream environment zones. The permit allocation system described below, permits transfer of allocations from these sensitive areas to high land capability districts (classes 4, 5 , 6 and 7).

2. Annual Permit Allocation

   To avoid the disruptive boom/bust cycle of development at Tahoe, the Plan establishes an annual allocation of permitted development. This allocation will be set to stay within the environmental thresholds and service system capacities of the region.

   A random selection process will be employed for single family development to be administered by local governments if they so desire. Allocations for lots within land capability districts 4 through 7 and not within SEZ's may submit development applications. Allocations for lots within land capability districts 1 through 3 or SEZ's will not be allowed to build. They will be given the opportunity to transfer their development rights to a higher capability lot (class 4-7), to sell them to the owner of such a lot, or to sell their lot plus development rights to a state or federal agency.

This system shall be in effect for not more than two years (1981 and 1982 building seasons).

For more details on the allocation system, see the attached memo entitled, "Permit Allocation System - 1981".

Commercial applications will still be processed on a first come, first serve basis.

3. Land Capability Standards - Water Quality Protection

The Plan requires a much closer adherence to the Land Capability System which rates basin lands according to the relative impact on water quality, flooding and erosion produced by development. To implement this goal, the Plan terminates provisions for automatic overrides of land capability standards for residential development and commits CTRPA to strong advocacy of measures that would provide for public purchase of fragile lands - lands of low capability or within stream environment zones. Implementation of these standards will reduce the potential for increased sediment and nutrient loading of the Lake. New plan policies advocate remedial measures of existing problems including funding restoration projects as provided in the State Water Resources Control Board's "208" Plan.

4. Priority to Development of Subdivided. Improved Serviced Lots

The basin has a large inventory of subdivided lots. The Plan continues the restriction against new subdivisions and the limit of one unit to each residential lot until a substantial majority of these undeveloped lots are built out (85%). Priority for development is given to lots with the full complement of improvements necessary for development and with the least potential for causing adverse environmental impacts.

5. Transfer of Development Rights

In addition to advocating purchase of fragile lands, the Plan provides a mechanism for the transfer of development credit from fragile lands to lands of higher capability (see Annual Permit Summary).

6. Lot Consolidation

Many presently existing subdivided lots do not meet minimum lot size or land capability standards. Procedures for consolidating these lots are included in the Plan.

7. Rezoning Commercial and Remote Residential Use Districts

A process is established to limit further extension of the commercial strip development and revitalize existing commercial areas. New flexibility is provided for commercial redevelopment and concentration of development in commercial nodes to decrease traffic congestion, improve aesthetic impacts and convenience, and to allow restoration of fragile areas is encouraged. A similar process is aimed at redesignating remote, lightly developed areas previously planned for residential development to a more appropriate use. This process will actively involve local government and affected individuals.

8. Design Controls

The Plan provides for new design and architectural standards to improve the appearance of developed areas. The intent is to require new development to be more compatible with the natural landscape rather than dominating or obstructing views.

9. Provision of Low and Moderate Income Housing

The Plan encourages the development of low and moderate income housing through use of incentives such as density bonuses and a set-aside in the permit allocation system.

10. Recreation

Policies are set forth to assure a diversified, high quality recreational experience for basin users. New policies are included to open access to the basin's lakes and streams, taking into account recreational suitability, maintenance and privacy needs of adjacent development. Emphasis is placed on activities consistent with the special resources of the area (such as hiking, biking and picnicing).

11. Public Services and Facilities

The Plan provides for expansion of service system capacities necessary to support development which is consistent with environmental thresholds and other Plan policies. It provides for adequate public service capacity for priority public uses such as campgrounds and medical facilities.

TRANSPORTATION

CTRPA is designated as the Agency to prepare and adopt a Transportation Plan for the region. The transportation element of the Regional Plan therefore has been expanded into a separate plan, but remains an element of the Regional Plan. Copies of the Plan can be obtained from CTRPA offices.

The Transportation Element of the Regional Plan recommends strong measures to: improve, integrate and encourage the use of public transportation; reduce the need for travel; encourage use of non-motorized modes; encourage ridesharing; improve roadway operations; and improve maintenance of transportation facilities to help restore air quality.

The Plan recommends: a five-fold increase in transit service to make this a real alternative to auto travel; exclusive transit facilities along Route 50 in South Lake Tahoe, Route 28 in Tahoe City and Kings Beach, and Route 89 between Tahoe City and Squaw Valley; special paratransit for low mobility groups; a complete network of bicycle and pedistrian facilities; minor street and highway operational improvements; airport operational and maintenance improvements; and trans-lake ferry service as part of the public transit system.

The Plan's recommended improvements are based on the previous Transportation Plan, but present a new approach to funding and implementation. For the first two year period it is assumed that no new funding sources will be available, so improvements are limited to current spending levels. This yields very little in terms of the needed transportation improvements.

so the Plan recommends implementation of a basin user fee to pay for implementation of the Plan elements after the initial two year period. The Plan also recommends the formation of a Transportation District to implement and operate the proposed integrated public system.

ENVIRONMENTAL IMPACT REPORT

The Plan's proposals and alternatives are evaluated in an Environmental Impact Report accompanying the Plan. Impacts would be generated by new development that would occur under the Plan, but mitigation measures are included to offset many of these impacts.

IMPLEMENTATION

The Plan sets policy direction for CTRPA in its review of development proposals, allocation of transportation funds and advocacy of programs and measures outside of its immediate control. Implementation of policies regarding development will come through revision of the Agency's Ordinance, which will follow Plan adoption after the first of the new year.

PERMIT ALLOCATION SYSTEM - 1981

The Regional Plan Update adopted by the Governing Board on November 7, 1980 includes a permit allocation system for building years 1981 and 1982. A description of the adopted allocation system is as follows:

1. The development permit allocation system shall be in effect for not more than two years (1981 and 1982 building seasons). One year after adoption the system shall be evaluated and refined, modified or abandoned based upon its performance and additional information which becomes available regarding environmental thresholds and availability of services.

2. The number of permits issued during each building season shall be determined by the availability of sewer capacity as determined by the Public Utilities Districts and the State Water Qaulity Control Board, Lahontan Region, consistent with the goals and policies of the CTRPA Plans and Ordinances. In no event shall building permits be issued for more units and commercial square feet than is allowed under the proposed amended TRPA Compact. Thus, in South Lake Tahoe and El Dorado County, combined building permits may not be issued during calendar year 1981 for more than 252 residential units or for more than 64,324 square feet of commercial space. In Placer County building permits may not be issued during calendar year 1981 for more than 278 residential units or for more than 23,000 square feet of commercial space.

3. Any lot owner in an improved subdivision may file an application on a form to be provided the Agency. The Application shall specify the following:

    a. The location of the property and the nature of the proposed project;

    b. The land capability of the lot according to the Agency's adopted land capability maps;

    c. The status of the lot under applicable Stream Environment Zone requirements;

    d. The status of services such as water, sewer, electricty, etc.

4. A random selection will be held at a public drawing and the number of applicants equal to the number of permits available will be selected. Local government will be given the option to adopt a allocation system which meets the standards set forth in the CTPRA Plan Update.

5. Of those selected, all lot owners satisfying the following criteria (after CTRPA verification, including site inspection, if necessary) may submit a complete development application which would be processed in the usual manner, and it would be anticipated that a permit would be granted subject to appropriate conditions:

   a. The lot is within land capability districts 4 through 7 according to the land capability designations of the CTRPA and is not contained within a Stream Environment Zone. Contiguous lots in common ownership may be consolidated for this program.

      For purposes of the allocation system, lots within the Tahoe Keys Subdivisions will be considered within this 4 through 7 land capability designation upon Agency approval of the man altered environment study and commitment to mitigation, as required by the CTRPA Plan.

   b. The lot has a minimum of 1200 square feet of available land coverage under the requirements of the land capability maps and Stream Environment Zone requirements. Lots in common ownership which are contiguous may be consolidated for this purpose.

   c. The lot is within an area serviced by roads, water, sewers, electricity and other services. Construction will only be permitted within the "urbanized" portions of the basin. These areas will be depicted on a map prepared by CTRPA.

6. All permits drawn will be reviewed by CTRPA to verify the land classification or stream zone designation, as well as to ensure that they are not substandard or outside the "urban area".

7. Of those selected lot owners whose lots do not satisfy the criteria listed above, four options are available:

   a. The development credit may be transferred to another lot in the same ownership and within the jurisdiction of the same local agencies which lot can be developed in accordance with the criteria in number 5 above.

   b. The development credit and the lot may be sold or transferred to another owner of a lot within the jurisdiction of the same local agencies which meets the criteria specified in number 5 above.

   c The lot may be sold to the Tahoe Conservancy or some similar agency at an agreed upon price reflecting fair market value. It is intended that the development credit would afford the highest priority for an agreed upon public acquisition.

d. The applicant may relinquish the allocation permit without prejudice.

Those lot owners who intend to utilize a development credit under (a) and (b) above shall show proof of an option or the equivalent (including acquisition) as a condition of filing an application and shall be required to permanently restrict the parcel on which the allocation was originally obtained from further construction through open space easement, dedication or other similar means. It will be required that any sewer assessments or other bonded indebtedness on the fragile lot must be brought current.

8. As lots are selected in the random selection process, the local agency and CTRPA staff shall jointly review each lot for compliance with the requirements of paragraph 5 above.

On site review may be required on any particular lot by the official in charge from either the CTRPA or local agency. The applicant shall be notified of the results of the review. If the applicant wishes to appeal the land capability determination, a procedure shall be provided by ordinance to allow the appeal to be heard by the Governing Body of the CTRPA or the local agency or both, depending on which agency or agencies made the determination. The appeal shall involve only the question of whether the land capability was accurately determined. If lots are drawn which are determined not to be in accordance with the conditions of paragraph 5 and the period for appeals has expired, or the appeals have been denied, new lots shall be chosen to go through the process.

9. Lots which are approved under this system may proceed with development after receipt of a building permit under a system to be developed by CTRPA and the local agencies.

California Tahoe Regional Planning Agency

916 541-6770

P.O. Box 14467 So. Lake Tahoe, CA 95702

March 25, 1981

RECEIVED
MAR 27 1981
S.T.P.U.D.

Jim Cofer, Manager
South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, CA 95705

RE: Commitments to Implementation of
Mitigation Program - STPUD

Dear Mr. Cofer:

It is my understanding that you are seeking a more detailed statement of commitment on the part of CTRPA regarding implementation of the mitigation program for STPUD. Specifically, you are requesting information regarding CTRPA budgetary commitments to the mitigation program.

As pointed out in the statement endorsed by the CTRPA Governing Board on February 6, 1981, the CTRPA Regional Plan, November 1980, includes many of the mitigation strategies identified in the Draft EIS on Expansion of the STPUD facilities. However, we cannot insure continuing long range implementation and enforcement of the mitigation measures due to the possible phasing out of CTRPA as provided in the California statutes revitalizing the Bi-state TRPA.

CTRPA can only make commitments of a temporary or short term nature and these may be seriously hampered by budgetary cutbacks and constraints.

The CTRPA Governing Board will consider at their April 3, 1981 regular meeting a proposed land use budget and work program. This budget and work program will be the basis for our request to the California Legislature for funding in fiscal year 1981-82 (July - June).

At this time the only commitments that we can offer is that if the Board approves the budget and work program and the California Legislature approves our request without substantial modification, CTRPA intends to appropriate approximately the following funds and staff time:

- Project Review and Enforcement - $180,000 - 55 Person Months

  Staff will continue to review projects for their consistency with the CTRPA Plans and Ordinances. Project review conditions include compliance with Best Management Practices, adherence to land capability standards and compliance with the Agency's Indirect Source Review Ordinance.

- Regional Data Base and Threshold Study - $100,000 - 25 Person Months

  The Agency is proposing no further long range planning studies because of the Bi-state Compact, but will provide assistence to TRPA in development of the Environmental Threshold and Carrying Capacity Study.

- Environmental Monitoring - $15,000 - 2 Person Months

  Monitoring of transportation related noise and effects of implemented control strategies for air quality and water quality are proposed as part of the CTRPA budget proposal.

These estimates are extremely rough at this time but should indicate CTRPA's commitment to carry out the measures contained within our Plan and also contained within your Mitigation Program.

If you require additional information, please contact me at this office.

Sincerely,

Dennis Winslow

Dennis Winslow
Executive Officer

DW/mnm

cc: Anders Hauge

9. State of California - Department of Transportation (Caltrans)

STATE OF CALIFORNIA—TRANSPORTATION AGENCY
EDMUND G. BROWN JR., Governor

DEPARTMENT OF TRANSPORTATION
DISTRICT 3
P. O. BOX 911, MARYSVILLE 95901

October 28, 1980

STPUD Waste Water Treatment Facilities EIS
Caltrans Mitigation Measures Comments

Noise Barriers

Sound barrier walls are not effective in developed areas where access to adjacent properties must be maintained. To be effective, sound walls must provide a substantial line of sight break between the source and receiver, and be sufficiently long to avoid leakage around the ends. These criteria cannot be met on urban expressways without access control.

Traffic Flow Improvements

The five-year State Transportation Improvement Program adopted by the California Transportation Commission lists three projects that will aid traffic flow in the south part of the Tahoe Basin. These projects are:

- Route 50 -- Upper Truckee River Bridge replacement which includes the addition of shoulders.
  Post Mile 70.3/70.4 $218,000.
- Route 50 -- Separate bikeway parallel to State highway, from Route 89 north to Tulare Avenue.
  Post Mile 75.5/77.5 $377,000.
- Route 89 -- Overlay, reconstruct, and drainage; 1.3 miles north of Junction Route 50 to 2.4 miles north of Cascade Creek.
  Post Mile 9.9/17.2 $2,698,000.

Caltrans has also developed a SB 807 Transit Improvement Program for the City of South Lake Tahoe. For the 1980-81 fiscal year the program includes $94,000 for bus shelters and turnouts at seven locations. Caltrans hopes to continue funding this type of Transit Improvement Program for the City of South Lake Tahoe at a level of approximate $50,000 per year.

Along with the STIP projects and the Transit Improvement Program, Caltrans also participates in the implementation of the CTRPA Indirect Source Review Ordinance. Caltrans provides a list of potential candidate projects to CTRPA. This list is used by

CTRPA and prospective developers in selecting an appropriate mitigation project. Following selection, Caltrans provides assistance in project development and issues encroachment permits.

Reversible Bus Lanes

Caltrans is contemplating a reversible bus lane on the north shore on Route 89 from Tahoe City to Squaw Valley.

Driver Advisories

Caltrans provides a changeable message sign posting highway conditions at Myers as well as driver advisory signs at chain-up points. Caltrans also provides road advisory information by phone through the California Highway Information network.

Snow Removal Procedures--South Shore

Caltrans conducts snow removal on Route 50 and 89 in order to insure that both routes are safe and traversable. The snow removal procedures give priority to Route 50 and are designed to keep the pavement as clear as possible.

Traffic Movement Control

Caltrans makes a conscientious effort to insure that traffic flow is not hindered by highway construction and maintenance. Caltrans is careful not to schedule highway work during the period of peak summer travel between July 15 and Labor Day.

Express Bus Lanes

Caltrans is committed to the goal of expanding transit at South Shore and hopes to work with TRPA, CTRPA and Nevada DOT in developing an Alternatives Analysis/Environmental Impact Statement (AA/EIS) for the Route 50 corridor. This study would consider several alternatives for the corridor including express bus lanes and light rail transit.

It should be noted that the City of South Lake Tahoe recently received a $738,000 SB 620 grant from the State of California which includes funding for express bus service along Highway 50.

Scenic Roadways

Caltrans is not doing any work in designating scenic highways.

Diverting Traffic From Highway 19 to U.S. North

This objective relates to traffic problems on the Kingsbury Grade and appears to be under the purview of the Nevada Department of Transportation.

Other

Twenty State-owned houses in the Tahoe Basin will have additional insulation and hot water heater covers installed during November, 1980.

ROUTED COPY - PLEASE EXPEDITE

Business and Transportation Agency

State of California

Memorandum

(7)

To : State Water Resources Control Board
P.O. Box 100
Sacramento, California 95801

Attention Carla M. Bard, Chairperson

Date : May 8, 1980

File No.:

From : **DEPARTMENT OF TRANSPORTATION**
Director's Office

Subject: Lake Tahoe Basin Water Quality Plan

DIST 03—TRANSPORTATION
MAY 13 '80

Your March 13, 1980 letter requested a commitment from Caltrans to carry out the water quality control measures in the State Water Resources Control Board's Water Quality Plan for the Lake Tahoe Basin.

I'm sure you are already aware of our support for your proposed plan and our intent to meet your requirements. Caltrans will do everything within its power to make sure that the erosion control projects for which it is responsible under the plan are constructed on schedule. Of course, construction of these projects will require approval by the California Transportation Commission as well as legislative approval as part of the Caltrans budget. With the public interest in Tahoe water quality, I am confident Caltrans will be able to obtain approval for these projects. Caltrans will also continue its efforts to reduce the amount of suspended sediment which reaches surface waters as a result of road sanding.

cc C. Pinetti
R. Skidmore
M. Larson

Our District 03 office at Marysville has been developing projects consistent with your draft plan for many years. Already programmed projects may possibly become State matching dollars for your proposed Federal EPA Clean Lakes Grant, as suggested in your draft plan. We anticipate the following projects during the next two years:

1. Bliss State Park

   Slope stabilization, erosion control and drainage corrections on Route 89 in the State Park (programmed for FY 1979-80, $109,000).

2. Rufus Allen/Route 50

   Slope stabilization, erosion control and drainage correction on Route 50 at the lake shoreline (programmed for FY 1980-81, $643,000).

3. Route 89 - South Tahoe to Emerald Bay

   Repaving project including erosion control, slope stabilization and drainage corrections (programmed for FY 1981-82, 208 related improvements estimated at $680,000).

4. Route 89 - Sunnyside

   Traffic safety project includes drainage improvements and slope stabilization (programmed for FY 1982-83, 208 improvements estimated at $73,000).

Your draft plan identifies approximately $95 million ('79 dollars) of erosion control projects with about $7.8 million (eight percent) on California State highways. The Draft 208 Plan requires this expenditure over a 20-year period based on State Water Resources Control Board priorities.

Assuming that the 208 Plan cost estimates are correct, Caltrans is currently programming projects through 1982 in excess of required annual expenditures to meet your 20-year goals.

We anticipate continuation of this type of program. We will make every effort to make sure that the projects called for in the Water Quality Plan are programmed for construction within the period called for by the plan.

I am aware of public testimony at your hearings regarding the relative impact on water quality by State highways. We believe our facilities are much less of a problem than was stated in some of the testimony. The following is provided to put this issue in proper perspective:

- Although existing highway slope erosion problems are highly visible to motorists because of their proximity to the roadway, the quantities of sediment from this source is relatively small in comparison with the total sediment load into Lake Tahoe. A study made by the U.S. Geological Survey entitled, "Sediment Discharge from Highway Cut-Slopes in the Lake Tahoe Basin, California, 1972-74" reports that less than 100 tons of fine sediment per year are contributed to the lake from all California State Highway cuts. This amounted to less than two percent of the total annual sediment loading for that time period. (See attached report.)

A February 5, 1980 assessment of road sanding impact on Tahoe water quality was prepared by Charles White of the Lahontan Regional Board. His report says that "applied sediment in the form of road sand or abrasives makes up an extremely small fraction of man-induced suspended sediment load which reaches Lake Tahoe".

- A 1975 survey of highway deicing agents and their impact on the aquatic environment was prepared by Charles Goldman and Roderick Hoffman. This study led to controlled and monitored application of salt by Caltrans. The 1975 survey concluded "that although road salting results in detectable chloride enrichment in aquatic ecosystems, there is, from a short investigation, no indication of its detrimental effects on the endemic biota". Caltrans is currently evaluating a salt free test section on Route 89 in the Emerald Bay area. Results of this test section will provide valuable accident research data for the future.

My citing of these studies is to indicate the relative importance of State facilities to the overall problem, not to excuse Caltrans from making necessary corrections to our facilities as identified in your plan. Erosion from State highways in California is still part of the problem, and Caltrans intends to do its share to protect Lake Tahoe water quality.

In summary, Caltrans is supportive of the objectives of the Board's Water Quality Plan, and we look forward to working with you to alleviate California highway-related water quality problems in the Lake Tahoe Basin. In response to your specific request for implementation, I offer the following:

1. Caltrans has currently programmed more than the required expenditures per year specified in your plan through FY 1982-83.
2. We recognize the importance of water quality and other problems at Tahoe, and will place major emphasis on programming erosion control projects for the years beyond 1982-83. We will request all necessary approvals from the California Transportation Commission in time to complete construction of the projects in accordance with the 20-year schedule set forth in the Water Quality Plan. We will treat the 20-year schedule as an outside limit, setting a goal of completing the erosion control projects within an earlier time frame.

3. We will continue our long-standing commitment to control of our salting and sanding practices at Lake Tahoe.

We appreciate the cooperative attitude by both the regional and State Water Board staff, and expect to cooperatively implement your plan upon adoption.

ADRIANA GIANTURCO
Director of Transportation

Attachment

JBaetge:JP
bcc: L. Trombatore - Dist. 03
A. Barkley

THIS COPY MADE AT STATE EXPENSE

STATE OF CALIFORNIA—TRANSPORTATION AGENCY
EDMUND G. BROWN JR., Governor

DEPARTMENT OF TRANSPORTATION
DISTRICT 3
P. O. BOX 911, MARYSVILLE 95901
Telephone (916) 674-4242

RECEIVED
APR 2 1981
S.T.P.U.D.

March 30, 1981

03-Tahoe

South Tahoe Public
Utility District
P. O. Box AU
South Lake Tahoe, California 95705

Attention Mr. James R. Cofer,
Manager/Engineer

Gentlemen:

Attached are comments on implementing items identified in Section T-4 of the Air Resources Board-Lake Tahoe Basin Control Strategy.

Implementation of the projects requiring capital expenditures by Caltrans are subject to the approval of the California Transportation Commission. At the present time, a severe fund shortage exists for transportation projects and no commitment can be made as to the scheduling of these projects at this time.

Very truly yours,

LEO J. TROMBATORE
District Director of Transportation

E. F. Galligan

E. F. Galligan
Deputy District Director
Planning and Public Transportation

Attach.

March, 1981

CALTRANS COMMENTS ON IMPLEMENTING ITEMS IDENTIFIED IN SECTION T-4 OF THE AIR RESOURCES BOARD - LAKE TAHOE BASIN CONTROL STRATEGY

BICYCLE NETWORK AROUND LAKE

Caltrans supports the CTRPA Bikeway Plan. Caltrans has contributed funds toward the construction of bike trails parallel to Highway 89 from 1000 feet south of Alpine Meadows to Sugar Pine Point, and from the northerly limits of the City of South Lake Tahoe to approximately one mile north of the U.S. Forest Service Visitors Center.

Recently a Caltrans bike trail project was completed parallel to Highway 50 from Winnemucca Avenue to Lyons Avenue in the City of South Lake Tahoe.

A cooperative project between Caltrans and the City of South Lake Tahoe will implement a bike trail parallel to Highway 50 from the 89/50 Wye to Tulare Avenue.

COMPLETE PEDESTRIAN SYSTEM AT MAJOR ARTERIALS

Caltrans, in cooperation with the City, installed a set of street lights at Lodi Street in 1979. At Pioneer Trail (East), the crosswalk was moved from the east side to the west side of Pioneer Trail to increase safety for the pedestrians. This also improved the flow of traffic from Pioneer Trail easterly on Route 50 as it eliminated the conflict between the right turning motorists and the pedestrian. Caltrans will strive to improve the pedestrian network in the future by assuring that pedestrians are provided for in future encroachment permits and at locations where future development may be taking place.

ELIMINATE ALL PARKING MOVES WHICH REQUIRE BACKING INTO THE HIGHWAY

Caltrans will examine encroachment permits in future development proposals to assure that backing into the highway is not required to egress the development.

THREE LEGS OF INTERSECTION AND ACCESS MODIFICATION AT SOUTHSHORE WYE

Caltrans has recently changed the old signal controller to a new microprocessor unit with improved vehicle detection for more efficient operation. This has resulted in shorter idling times during most periods of the day. Improved software for this location has also been developed and will be implemented prior to the summer tourist season of 1981. Caltrans will examine the intersection to see if the two-lane westbound left turn can be better accommodated by modifying the intersection in front of the Shell and Exxon stations.

WIDENING SIGNALIZED INTERSECTIONS FROM UPPER TRUCKEE RIVER EASTERLY ON HIGHWAY 50 TO ALLOW FREE RIGHT TURNS

These intersections will be examined to determine if a right turn lane is feasible, taking into consideration adjacent development and the practicability of providing for right turns while maintaining pedestrian traffic and not acquiring expensive rights of way. It is noted that providing for right turns will put the cyclist in conflict with the turning vehicle at these intersections.

STUDY AND WIDEN THOSE DRIVEWAYS NECESSARY TO EXPEDITE RIGHT TURN MOVEMENTS FROM THE ROADWAY

This primarily involves driveways to existing private businesses which evolved and changed usage under existing encroachment permits. Caltrans will consider future driveways to major businesses via the encroachment permit process to assure that right turn movements are adequately provided for.

SIGNAL MODIFICATION AND CHANNELIZATION AT SIERRA BLVD AND ROUTE 50

Caltrans will consider replacing the traffic signal controller at this location on a high priority basis. Caltrans recently added detection at Sierra Blvd. This is intended to eliminate the possibility of right turning vehicles on Sierra calling the signal away from Route 50 traffic without a demand actually being on Sierra Blvd.

WIDENING OF HIGHWAY 50 ON THE SOUTH SIDE FROM RUFUS ALLEN TO JOHNSON BLVD TO PROVIDE FOR A CONTINUOUS RIGHT TURN LANE

This will be examined in the future to determine feasibility.

MODIFY SKI RUN BLVD INTERSECTION INCLUDING RIGHT TURN LANE FROM HIGHWAY 50 TO HEAVENLY VALLEY

This does not appear to be practical because of the closeness of an existing business building at the intersection. There is not enough room under existing conditions to provide for a right turn lane and a sidewalk without encroaching upon the building. If the business at this location changes in character requiring a permit from the City or Caltrans, the permit could require that the sidewalk be set back far enough to allow for a right turn lane to Ski Run Blvd.

RIGHT TURN LANE ON ROUTE 50 AT WILDWOOD

This is not feasible without encroaching into the existing business and the parking lot for the business. It will be addressed if the business changes in character requiring additional permits from the local agency and/or Caltrans.

NORTHSHORE

TAHOE CITY BYPASS WITH BUS, PEDESTRIAN AND BIKE FACILITIES ON EXISTING ROUTE 28 THROUGH TAHOE CITY AND THE REVERSIBLE BUS LANE ON HIGHWAY 89 FROM TAHOE CITY TO SQUAW VALLEY

The Tahoe City bypass is not in Caltrans' current program. The special bus lanes have been studied in the past and there are serious questions as to its viability. Caltrans has no plans to further study the reversible bus lane at this time.

LEFT TURN LANE AT ROCKY RIDGE ROAD

A stipulation could be made by local government that before additional units of the development can be built at this location, the developer must provide the left turn channelization at his expense.

CHANNELIZE OLD COUNTY ROAD HIGHWAY 28 INTERSECTION

Caltrans is currently pursuing this project. It is likely to be funded in the 1981/1982 fiscal year.

CONTINUOUS DUAL LEFT TURN LANE IN DOWNTOWN KINGS BEACH

The feasibility of this project will be investigated. It should be noted that it would not be possible to implement this action without eliminating parking in the downtown area.

SIGNAL IMPROVEMENT AND CHANNELIZING THE JUNCTION OF 267 AND 28

Caltrans will examine the possibility of providing this channelization. It appears that extensive additional right of way would not be required.

LIMIT OR COMBINE ACCESSES TO ROUTE 28 THROUGH KINGS BEACH AREA

Future encroachment permit applications will be considered on an individual basis.

LEFT TURN LANE AND BIKE TRAILS AT THE LIGHTHOUSE SHOPPING CENTER AT TAHOE CITY

Left turn lanes and bike trails have been provided.

WESTSHORE

SUNNYSIDE INTERSECTION MODIFICATION AND LEFT TURN LANES

This project is in the Caltrans STIP for the 1983/1984 fiscal year.

INTERSECTION IMPROVEMENT THROUGHOUT WESTSHORE

These will be examined on an individual basis considering operational and safety considerations.

10. El Dorado County

County of El Dorado

BOARD OF SUPERVISORS

ROBERT E. DORR	DISTRICT I
PATRICIA R. LOWE	DISTRICT II
W.P. WALKER	DISTRICT III
JOSEPH V. FLYNN	DISTRICT IV
THOMAS L. STEWART	DISTRICT V
DOLORES BREDESON	COUNTY CLERK

330 Fair Lane ● Placerville, CA 95667
Telephone (916) 626-2464

RECEIVED
FEB 5 1981
S.T.P.U.D.

February 2, 1981

South Tahoe Public Utility District
Post Office Box AU
South Lake Tahoe, CA 95705

Gentlemen:

At a regular meeting of the El Dorado County Board of Supervisors held January 27, 1981, the Board adopted Resolution No. 24-81, a Resolution which is a Memorandum of Understanding and Commitment by and between the County of El Dorado and the South Tahoe Public Utility District to assist in the obtaining of certain federal grant monies.

Enclosed is a certified copy of Resolution No. 24-81.

Very truly yours,

JOSEPH V. FLYNN, Chairman
Board of Supervisors

DOLORES BREDESON, County Clerk
and ex-officio Clerk of the Board

By Barbara J. Churchill
Deputy Clerk

/bjc
Enclosure
cc - City of South Lake Tahoe, w/enc.
Quad Consultants, w/enc.
Auditor/Controller, Chief Administrative Officer, County Counsel, Planning Department, all with att.

DEW:jb
1/28/81

RESOLUTION No. 24-81

OF THE BOARD OF SUPERVISORS OF THE COUNTY OF EL DORADO

A MEMORANDUM OF UNDERSTANDING AND COMMITMENT BY AND BETWEEN THE COUNTY OF EL DORADO AND THE SOUTH TAHOE PUBLIC UTILITIES DISTRICT TO ASSIST IN THE OBTAINING OF CERTAIN FEDERAL GRANT MONIES

SECTION 1. Recitals

Whereas, South Tahoe Public Utilities District (hereinafter STPUD) must obtain certain federal grant monies in order to insure the long-term reliability of its facilities and to allow orderly and environmentally sound use of resources in expansion of its facilities;

And whereas, in order to obtain such grant funds it is necessary and desirable for the County of El Dorado (hereinafter County) to make certain commitments in cooperation with STPUD to insure the long and short term protection and enhancement of Lake Tahoe and its environment;

And whereas, without such commitments there is a substantial question as to the short-term reliability of the plant and its ability to perform its legal obligations without damage to the environment;

And whereas, the commitments contained herein are believed by the parties to contain adequate environmental safeguards to allow not only short-term upgrading of the plant, but its ultimate expansion to allow service to properties which are developable under the upcoming environmental threshold determinations of the Lake Tahoe Basin;

The parties do therefore enter into this memorandum of understanding and commitment.

SECTION 2. Mitigation Measures

The County hereby agrees to undertake or continue the following mitigation measures in the areas specified, subject to the conditions and exceptions set forth in Section 3 hereof and subject to the Board of Supervisors of El Dorado County retaining the right to unilaterally set priorities for the commitment of staff time and monies as it sees fit. For clarification, the reference numbers for each mitigation measure in the Mitigation Program are shown in parenthesis.

I. 208 Plan

A. Erosion and Drainage Projects

1. The County commits to continue to require the approval of the California Regional Water Quality Control Board, Lahontan Region (hereinafter Lahontan) on all building permits within the Basin. (1, 6, 7, 8, 11, 12)
2. The County commits to continue to work with the Resource Conservation District on all public projects. (2)
3. The County commits to continue to improve roadside slopes and drains on a routine basis. (2, 4)
4. The County commits to study the feasibility of protective cover on dirt roads and the installation of storm drains and provide mitigation if funds are available. (3, 5)

5. The County commits to seek additional sources of funding to assist Lahontan in the implementation of the 208 program. (1-16)

B. On-Site Runoff Controls

1. The County commits to continue to require the approval of Lahontan on all building permits in the Basin. (6, 7, 8, 11)
2. The County commits to work with the City of South Lake Tahoe (hereinafter City) on the update of their General Plan. (9)

C. Development Restrictions

1. The County will commit to continue to recognize the TRPA and CTRPA prohibitions on subdivisions. (10)

D. Forest Practices

1. The County commits to study the closing and revegetating of dirt roads and to provide funding for this if found to be necessary and if funds are available. (13)
2. The County commits to study restrictions on off-road vehicles and to adopt an appropriate ordinance if found to be necessary. (14)
3. The County commits to use best management practices on all public projects. (15)
4. The County commits to continue to require special use permits for campgrounds and ski areas and their expansion. (15, 16)

E. Geology and Soils

1. The County commits to continue to enforce building codes within the Basin and to consider the adoption of a new County wide grading ordinance. (18)
2. The County commits to continue to implement the Seismic Safety Element of the General Plan on all discretionary projects. (19)

F. Biology

1. The County commits to continue to protect endangered plants and animals and their habitat on all discretionary projects. (21)

G. Noise

1. The County commits to continue to implement the Noise Element of the General Plan on all discretionary projects. (24)
2. The County commits to continue to use the special use permit provisions of the County Zoning Ordinance and CEQA to prevent incompatible uses. (25, 26)
3. The County commits to continue to regulate noise at the Tahoe Airport and to complete and implement the Master Plan and ANCLUC Study. (24)

II. Meterology and Air Quality - Non-Attainment Plan Requirements

A. Transportation Measures

1. The County reaffirms its support of state inspection of vehicles on a state-wide basis and to continue its program of periodic inspection and maintenance on County vehicles. (27)

2. The County commits staff time and file information to study reductions in cold start conditions, traffic flow improvements, traffic movement control, rail transit, priority treatment for car pools, parking supply management, and a parking surcharge. (28, 29, 35, 38, 41, 43, 48)
3. The County commits to work with other Basin Agencies on traffic advisories and Caltrans on the improvements of the snow removal procedure. (31, 34)
4. The County will, where feasible, allow staggered work hours to reduce peak hour loading on the roads. (33)
5. The County reaffirms its commitment to work with the Tahoe Basin Transit Authority (hereinafter TBTA) and to explore alternate funding sources for it. (40, 42, 49, 50, 52)
6. The County commits to continue to recognize CTRPA's prohibition on drive-up windows. (36)
7. The County commits to continue to enforce its zoning ordinances pertaining to on-site parking and loading spaces. (32, 37)
8. The County commits to continue to provide controlled parking at the airport. (39)
9. The County commits to continue to implement the Bikeways Element of the General Plan. (44)
10. The County commits to explore ways to provide and fund additional pedestrian facilities. (45)
11. The County commits to continue to schedule road work as to not conflict with peak hours and seasons. (46)

12. The County reaffirms its support of the U.S. Postal Service in improving mail delivery. (47)

B. Stationary Source Measures

1. The County commits to study gaseous fuel space heating when the necessary equipment is available. (62)
2. The County commits to continue to use the Subdivision Map Act and CEQA to obtain proper siting for solar access. (63)
3. The County commits to continue its solar seminar program through the Planning Department. (63)

III. Other Requirements

A. Visual Resources

1. The County commits to study the implementation of its Design Control District Ordinance in the Tahoe Basin. (65)

B. Land Use and Housing

1. The County commits to continue to use its Redevelopment Agency to encourage housing rehabilitation, neighborhood facilities and an increase in moderate price housing. (66, 67, 68)
2. The County commits to continue its active zoning enforcement program. (66)
3. The County commits to continue the implementation of the Housing Element of the General Plan. (68)
4. The County commits to continue to participate in all Basin Agencies in order to coordinate planning, policies and efforts. (70, 78)

C. Transportation

1. The County commits to continue its support of the TBTA. (71, 72, 92)
2. The County commits to continue to upgrade its transit system if funds are available. (71)
3. The County commits to encourage car and van pooling where feasible. (73)

D. Public Services/Fiscal Concerns

1. The County commits to ensure that new development locates to take maximum advantage of existing service capacities. (77)
2. The County commits to work with impacted Basin Districts to find funding sources where feasible. (79)
3. The County commits to investigate the consolidation of service districts through LAFCO. (80)
4. The County commits to work with South Tahoe Refuse Company and other agencies to reduce solid waste. (84)
5. The County commits to work with the Golden Empire Health Care Planning Agency to assess the need for health care facilities and programs. At the time the need is shown, the County will provide funding if funds are available. (75, 76)

E. Utilities

1. The County commits to continue building code requirements of low water use fixtures in all new, construction. (87)

2. The County commits to continue the weatherization program through Community Services if funds are available. (89)
3. The County commits to continue to enforce the building code pertaining to insulation requirements. (90)

F. Cultural, Archeological and Historical Resources

1. The County commits to continue to require site analysis on discretionary projects through CEQA. (93)
2. The County commits to continue to support the Historical Society's efforts to nominate cultural resources for inclusion in the National Register. (94)
3. The County commits to continue to restrict the use on lands in the area of a known significant archeological site. (95)

SECTION 3. Conditions and Exceptions

1. The agreement of County to continue existing programs and/or to undertake new programs is expressly conditioned upon the availability of funds to undertake or continue such activities. While the County pledges to use every good faith effort to fulfill its commitments under this agreement, this Board cannot unequivocally bind future Boards, nor can it foresee at what point, if any, other priorities may require the County to otherwise allocate its resources. In the event of such a contingency, the County specifically reserves the right to modify, in whole or in part, its obligations under this agreement, after first consulting with STPUD and other affected agencies to

evaluate the circumstances and alternative courses of action open to the parties, if any.

2. These commitments are expressly conditioned upon the commitment by the Environmental Protection Agency of grant funds in the amount of (one million dollars) $1,000,000.00, which grant funds shall be utilized to design the improvements necessary to insure the future reliability of STPUD's facilities and the protection of Lake Tahoe.

3. It is understood and agreed by all interested parties that, so long as reasonable good faith progress toward fulfilling of County's commitments under this agreement has been achieved within the time periods specified herein, such progress will constitute substantial performance by County of its commitments, although County will use its best efforts to fulfill the commitments outlined herein within the times specified.

4. It is further understood and agreed by and between the parties that, assuming completion and/or good faith progress by County in fulfilling its obligations under this agreement, a construction grant in the amount of (fifteen million dollars) $15,000,000.00 will be forthcoming from the Environmental Protection Agency to allow completion of the STPUD plant rehabilitation.

PASSED AND ADOPTED by the Board of Supervisors of the County of El Dorado at a regular meeting of said Board, held on the 27th day of January, 1981, by the following vote of said Board:

Ayes: Supervisors ROBERT E. DORR, PATRICIA R. LOWE, JOSEPH V. FLYNN, THOMAS L. STEWART

Noes: None

Absent: Supervisor W. P. WALKER

ATTEST;
DOLORES BREDESON, County Clerk and ex-officio
Clerk of the Board of Supervisors

By /s/ Barbara J. Churchill
Deputy Clerk

/s/ JOSEPH V. FLYNN
Chairman, Board of Supervisors

I CERTIFY THAT:
THE FOREGOING INSTRUMENT IS A CORRECT COPY OF THE ORIGINAL ON FILE IN THIS OFFICE.

DATE February 3, 1981

ATTEST: DOLORES BREDESON, County Clerk and ex-officio Clerk of the Board of Supervisors of the County of El Dorado, State of California.

By Barbara J. Churchill
Deputy Clerk

EL DORADO COUNTY

DEPARTMENT *of* PLANNING

County Office Center
360 Fair Lane
Placerville, California 95667
(916) 626-2438

Offices of The:
Planning Commission
Recreation Commission
Local Agency Formation Commission
Local Transportation Commission
Zoning Administrator

APR 01 REC'D

March 30, 1981

Mr. Anders Hauge
QUAD CONSULTANTS
GREAT WESTERN SAVINGS BLDG.
1415 - 18th Street
Bakersfield, CA 93301

Dear Andy:

The attached is provided as an indication of El Dorado County's present level of activities in the Lake Tahoe Basin. This information is for clarification of Resolution No. 24-81 adopted by the Board of Supervisors on January 27, 1981 and does not propose mitigation measures beyond those adopted by the Board.

Sincerely,

Douglas J. Noble
Assistant Planning Director

DJN/br

cc: Kent Taylor, County Administrative Officer

attachment

I - BUDGET EXPENDITURES

During the years 1974 through 1977, the El Dorado County Auditor prepared several in-depth studies on the County's expenditures in our portion of the Lake Tahoe Basin. These studies indicated, with very little yearly change, that approximately 33% of our budget was being spent in the Basin. We believe this figure is still valid.

Therefore, based on our approved FY1980/81 Countywide budget of $41,518,073, approximately $13,700,000 will be expended for services in the Tahoe Basin.

II - TAHOE STAFF

The following departments have permanent offices at South Lake Tahoe (Permanent staff numbers in parenthesis):

1) Airports (14)*
2) Assessor (6)
3) Building (2)*
4) County Clerk (2)
5) District Attorney (8)*
6) Environmental Health (3)*
7) Justice Court (9)*
8) Library (3)
9) Health (15)*
10) Mental Health (6.5)
11) Probation (11.5)
12) Public Defender (2)
13) Public Works (26)*
14) Sheriff (44)*
15) Superior Court (3)*
16) Treasurer (.5)
17) Veterans Services (1.5)
18) Welfare (31)

* Departments directly involved in the "Mitigation Measures"

In addition to the 188 people employed by the County at South Lake Tahoe, many of the departments have seasonal increases in staff. Further, certain services are provided by contract, such as janitorial services at County offices.

III - SUPPORT STAFF

All of the County offices at South Lake Tahoe require support services from the County Office Center in Placerville. The support ranges from direct supervision by Placerville-based Department Heads and Management Personnel, to daily courier service. At numerous times throughout the year, various staff members and elected officials are required to travel to Lake Tahoe to take part in meetings. These vary from regular weekly or monthly meetings with other agencies, to irregular "problem solving" trips.

Additionally, many services are provided by personnel who primarily remain in Placerville, including Air Pollution Control which devotes approximately 63% of its time (1.9 man years) to problems in the Tahoe area.

IV - OTHER SERVICES

The County provides, through the Auditor's and other offices, various services for the numerous special districts in our portion of the Tahoe Basin. These include, but are not limited to, the fire districts, Vector control (Service Area III), resource conservation, community service and improvement districts.

V - FY1981/82 BUDGET

The El Dorado County Chief Administrative Officer is directing a letter to all

V - (continued)

departments to consider the "mitigation measures" when they are preparing their proposed budgets for FY1981/82.

VI - ONGOING PROGRAMS

The County is presently working on several programs which implement some of the "mitigation measures". These include:

A) The building allocation program with the City of South Lake Tahoe.

B) The Tahoe Basin Transit Authority Cooperative Program with the City of South Lake Tahoe.

C) The Airport Master Plan and Airport Noise Control and Land Use Compatability Study (ANCLUC).

D) A cooperative agreement with the City of South Lake Tahoe to provide bus service to the Meyers Area.

E) A cooperative program with Air Pollution Control in Placer County to prepare a basin plan.

VII - MULTI-PURPOSE USE OF FACILITIES

In order to reduce costs, the County attempts to cooperate with other governmental entities in encouraging joint use of facilities. For example, City Hall is a County owned building leased to the City. Certain County programs are provided in City owned buildings, such as the Senior Nutrition Program. Joint use reduces the number of buildings required. This is considered a positive "mitigation measure".

VIII - SUMMARY

A) Approximately 33% of the County budget is expended to benefit Tahoe Area residents and visitors (FY1980/81 - $13,700,000).

B) The County presently has the equivalent of 188 full time employees in the Tahoe Area. Although some of the departments with offices in the Tahoe Area are not directly involved in programs which are being considered as "Mitigation Measures", they provide, in most cases, necessary support services.

C) The elected officers and staff personnel employed at the County Office Center in Placerville, provide extensive support services for the Tahoe Area.

D) The County provides various services for special districts in the Tahoe Area.

E) The County Chief Administrative Officer has requested all departments to consider the "Mitigation Measures" in the preparation of their FY 1981/82 budgets.

F) The County already has several existing programs to implement some of the "Mitigation Measures".

COUNTY ADMINISTRATIVE OFFICE

INTERDEPARTMENTAL CORRESPONDENCE

TO: All Department Heads

FROM: Kent M. Taylor Kent Taylor
Chief Administrative Officer

DATED: March 24, 1981

SUBJECT: Mitigation Measures - South Lake Tahoe

As many of you know, the sewer treatment plant at South Lake Tahoe is in need of upgrading. In order to assist the South Tahoe Public Utility District in securing a federal grant to finance the upgrading, the County has agreed to make a good faith effort to mitigate some of the environmental problems in the Basin. Many of these measures involve allocation of County staff to make certain studies.

The purpose of this memo is to remind those of you who have departmental responsibilities under the mitigation measures to anticipate this workload in preparing your 1981-82 budget requests. Most departments have no responsibility in these areas. However, if you are in doubt, please contact Doug Noble in the Planning Department who has been spearheading this project.

Thank you.

KT/cf
cc: Doug Noble
Planning

EL DORADO COUNTY
RECEIVED
MAR 25 1981
DEPT. OF PLANNING

11. El Dorado County Air Pollution Control District

EL DORADO
COUNTY
AIR POLLUTION CONTROL
DISTRICT

330 FAIR LANE
PLACERVILLE, CALIFORNIA 95667
PHONE 626-2225

October 29, 1980

Mr. Anders J. Hauge, Senior Planner
QUAD Consultants
Suite 611-615/Great Western Savings Bldg.
1415 - 18th Street
Bakersfield, CA 93301

Dear Mr. Hauge:

In response to your request for information on the current status of the mitigation measures that the El Dorado County Air Pollution Control District is responsible for implementing:

(1) Service stations: Phase I vapor recovery rule is now in effect.

(2) Bulk loading plants: Phase I vapor recovery rule is now in effect.

(3) Architectural coating: Due to the attainment status of the air basin for hydrocarbons, this rule is not required at this time.

(4) Degreasing operations: Due to the attainment status of the air basin for hydrocarbons, this rule is not required at this time.

(5) Gaseous fuel space heating: The equipment necessary to implement this measure is not yet available. Therefore, this measure is not cost effective at this time.

(6) New Source Review: A new source review rule is now in effect in the air basin.

I hope that this information is of some help in this matter, and if I can be of any further help, please call.

Sincerely,

CW Himenes

C. W. (Bill) Himenes
Air Pollution Control Specialist

CWH/lr
cc: Mr. Jim Cofer

12. Golden Empire Health Systems Agency

Golden Empire Health Systems Agency
827 SEVENTH STREET, SUITE 431, SACRAMENTO, CA 95814 • TELEPHONE 916/447-3201

January 30, 1981

James Cofer, Manager
South Lake Tahoe Public Utility
District
P. O. Box AU
South Lake Tahoe, CA 95705

Dear Mr. Cofer:

Golden Empire Health Systems Agency (GEHSA), the lead health planning agency for the eight-county region surrounding Sacramento, was recently contacted to respond to three mitigation measures associated with a proposed sewage treatment expansion in the South Lake Tahoe area.

Golden Empire HSA's activities are implemented at both a regional and local level. The Agency works with a local health council in South Lake Tahoe, composed of 20 consumers and health care provid[illegible] from the area. The local council members are appointed by the Board of Supervisors of El Dorado County. Thus, the following responses to your proposed mitigation factors have been developed in consultation with the South Lake Tahoe Health Council.

El Dorado County Mitigation Measure # 75: Construct primary/intermediate care clinic.

Golden Empire HSA does not itself build or grant seed money for the construction of health facilities. Rather, through a process called Certificate of Need (State law, Chapter 854, Statutes of 1976), our Agency reviews and provides recommendations to the state on capital expenditures for new, expanded, or converted health facilities costing over $192,000. Golden Empire also reviews and comments on the use of federal health funds within our planning region.

El Dorado County Mitigation Measure # 76: Expand county health service programs and encourage volunteer services.

Golden Empire HSA does not have the authority or resources to expand county health services. However, the Agency does identify community health needs and goals for the region, including El Dorado County, in its long-term plan, the Health Systems Plan. This plan establishes goals to provide a healthful environment and an appropriate health care delivery system. Golden Empire HSA updates the Health Systems Plan on a yearly basis. One of the highest priority needs identified in the Health Systems Plan for the South Lake Tahoe area is the lack of a skilled nursing facility for care of the elderly.

El Dorado County Mitigation Measure #78: Coordinate regional land use planning and capital facilities planning and budgeting.

Golden Empire HSA is not involved in regional land use planning. Our Agency is involved in institutional health facilities planning by virture of the Certificate of Need and federal grant review processes previously mentioned.

Additionally, if a local health council wishes to encourage the establishment of a needed health facility or program, Golden Empire will provide technical assistance to the health council in their endeavor. For example, the South Lake Tahoe Health Council is currently investigating the need for and financial feasibility of establishing a skilled nursing facility in the South Lake Tahoe area.

I hope that this information is useful in your project - impact analysis. To summarize, Golden Empire Health Systems Agency is involved in health planning, health facility review, local health council technical assistance, and health education activities. We intend to continue to implement these functions in the future, as specified in Public Law 93-641 (National Health Planning and Resources Development Act).

Sincerely,

Lydia Peake

Lydia Peake, President
Governing Body

cc: Rae Bernard, President
So. Lake Tahoe Health Council

Pat Lowe, Supervisor
El Dorado County Board of Supervisors

Golden Empire Health Systems Agency

827 SEVENTH STREET, SUITE 431, SACRAMENTO, CA 95814 • TELEPHONE 916/447-3201

March 30, 1981

Andy Hauge
1415 18th Street
Suite 611
Bakersfield, California 93301

Dear Mr. Hauge:

As per your request, the following information is submitted in regard to the impact statement your office is developing on the proposed sewage treatment expansion in the South Lake Tahoe area.

As you know, Golden Empire Health Systems Agency (GEHSA) is the lead health planning agency for the eight county region surrounding Sacramento, including El Dorado County. The Agency works with a local health council in South Lake Tahoe to implement both regional and local health planning activities and goals.

In addition to regional level planning and review activities, our Agency allocates approximately four staff days per month to the South Lake Tahoe Health Council. This allocation includes both technical support for implementation projects as well as staff liaison support. Therefore, our total staff days per year are approximately 48.

Federal funding for health planning is uncertain for fiscal year 1981-82. Thus, I cannot project the staff days available to the South Lake Tahoe area since HSAs are subject to significant cutbacks. If you wish further information on this subject, please contact me at the beginning of our next fiscal year July 1, 1981.

Sincerely,

Rick Badger
Executive Director

RB:mal

SERVING: EL DORADO, NEVADA, PLACER, SACRAMENTO, SIERRA, SUTTER, YOLO AND YUBA COUNTIES

13. Harrah's Hotel and Casino

Harrah's
Hotels and Casinos
Reno and Lake Tahoe

October 29, 1980

Quad Consultants
Suite 611-615/Great Western Savings Bldg.
1415 - 18th Street
Bakersfield, CA 93301

Attention: Mr. A. J. Hauge,
Sr. Planner

Dear Mr. Hauge:

This letter is a follow-up of our telephone conversation today regarding the South Tahoe Public Utilities District effort to expand and modify its wastewater treatment facility.

The following mitigation measures are in effect and have been for quite some time.

TRANSPORTATION
111. 1. Encourage car and van pooling to places of employment south shore.

a. Encourage car pooling by bulletin board publications, by departmental meetings.

b. Encourage the use of the available public transportation.

c. Employees encourage themselves, especially those who live in Carson and Washoe Valleys, due to the distances and cost of gasoline.

d. We have a self-service car-pooling board, administered by the Personnel Department, with maps and areas in which employees from the same areas can get together.

e. We run two courtesy buses to and from various motels in the area in which 1,800 to 2,400 people per week are transported, thus saving automobile traffic.

Sincerely,

Lew Powers
Engineering Manager

hw

Post Office Box 8, Stateline, Nevada 89449 • 702/588-6611

14. Lake Tahoe Community College

LAKE TAHOE COMMUNITY COLLEGE

OFFICE OF THE PRESIDENT

October 29, 1980

Mr. Anders J. Hauge
Senior Planner
Quad Consultants
Suite 611-615, Great Western Savings Bldg.
1415 18th Street
Bakersfield, CA 93301

Dear Mr. Hauge:

Your letter of October 21, 1980, requested the Lake Tahoe Community College to provide information concerning six items to assist the South Tahoe Public Utility District Mitigation Task Force in developing a viable mitigation program.

This letter is to confirm the information provided you in our telephone conversation this morning.

72. The selection of the site of the permanent campus of the Lake Tahoe Community College was done by the architectural firm of Sprankle, Lynd & Sprague of San Francisco and during the entire site feasibility process the architect was in regular and frequent contact with planners of the City of South Lake Tahoe, Tahoe Regional Planning Agency, California Tahoe Regional Planning Agency, South Tahoe Public Utility District, and the Lahontan Water Quality Control Board. Progress toward selecting a permanent site was reviewed with representatives from these agencies and a meeting was held to discuss the preliminary findings and the final findings. In all instances suggestions from these agencies were given consideration in the site feasibility study process and in all instances the representative of the agency indicated that the site recommended by the architect as first choice was an appropriate site in the eyes of the agency representatives. The Board of Trustees selected the architect's first choice. The findings of the site feasibility study are contained in a report made public and of which copies were provided to all agencies including the South Tahoe Public Utility District.

74. Information provided in response to #72 is appropriate to #74. In addition, it is to be pointed out that the South Tahoe

LAKE TAHOE COMMUNITY COLLEGE DISTRICT • 2659 Lake Tahoe Blvd. • P. O. Box 14445 • South Lake Tahoe, California 95702 • (916) 541-4660

Public Utility District and the Lake Tahoe Community College have already begun an official relationship relative to sharing land use for a new water well on the new College site which will serve part of South Lake Tahoe. The Board of Trustees' approval of the drilling of the test wells and the Board's indication of being receptive to a proposal for a permanent well indicates the philosophical position of the Board in coordinating with other public agencies relative to joint use of land and facilities. Discussions are underway with the California Division of Forestry to possibly utilize a portion of the new College site as a model/demonstration forest for the area. The College has also indicated its cooperation with the City of South Lake Tahoe relative to potential joint use of recreational facilities.

75. This concern is not applicable to the Community College.

76. Lake Tahoe Community College by official Board policy accepts students from throughout California and the world in accordance with state laws and regulations. The College does not restrict its enrollment to persons from any area and therefore philosopically is committed to serving the students who choose to come to the college because of their proximity to it or the programs it offers.

77. The College is on a quarter system offering three regular quarters--fall, winter and spring--and two separate summer sessions. The College is in effect a year-round operation and offers classes both day and evenings and on weekends.

81. The College has both sponsored and co-sponsored a number of regular class offerings and community service events designed at educating the community in the energy conservation area and looks forward to offering further courses and community service offerings in any area or on any subject that would be of benefit to the community. The College would welcome the opportunity to co-sponsor with any other community agency or service group programs designed at educating the community in reduction of waste going to landfill, reduction of solid waste generated, etc. The College is currently, as it has been for several years, actively involved in the Keep Tahoe Beautiful campaign and has currently underway a major effort to clean up the permanent site bought less than a year ago.

I trust that the above information will be of assistance to you in preparing a viable mitigation program and if the college can assist in any further way, please feel free to contact me.

Sincerely yours,

James W Duke

James W. Duke
Superintendent/President

15. Lake Tahoe Unified School District

LAKE TAHOE UNIFIED SCHOOL DISTRICT
1021 AL TAHOE BOULEVARD
P.O. BOX 14426
SOUTH LAKE TAHOE, CALIFORNIA 95702
PHONE (916) 541-2850

W. KENNETH LOWRY
District Superintendent

HAL MASON
Assistant Superintendent
Business Services

AL TAHOE ELEMENTARY SCHOOL
BIJOU ELEMENTARY SCHOOL
MEYERS ELEMENTARY SCHOOL
SIERRA HOUSE ELEMENTARY SCHOOL
TAHOE VALLEY ELEMENTARY SCHOOL
SOUTH TAHOE INTERMEDIATE SCHOOL
MT. TALLAC HIGH SCHOOL
SOUTH TAHOE HIGH SCHOOL

BOARD OF EDUCATION

MEETINGS
at indicated address
2nd and 4th Tuesdays
7:30 p.m.

Will S. Cluff, Ed. D., Pres.
Barbara Grigsby, Clerk
Kerry S. David
Laurence G. Cosper, D.D.S.
Elaine Silva Testa

October 30, 1980

Jim Cofer, Manager
ST PUD
South Lake Tahoe, CA 95702

Dear Jim,

I apologize for the tardiness in responding to the letter of Anders Hauge dated October 21, but I just received it today. A phone call to your secretary provided a little information and I hope the following information is helpful to you.

I'm not sure how the school district is involved with the mitigation measures noted, but I suspect they deal with our future contribution to effluent in the basin. If this be so, recent actions limiting the growth of population in the basin should do two things which will limit our growth.

First, it appears home prices will continue to escalate and from a historical analysis along the California coast, when this happens, the school enrollment goes down.

Second, the restrictions in construction will preclude younger families from moving in to replace retirees. Therefore, from these two phenomenon, it would be my professional opinion that our current school population of 4200 will never reach 4800 unless a radical change in the two conditions occurs. In fact, experience tells me during the next ten years, we will see our incoming Kindergarten enrollment start to decline and this decline will move up through the grades with the students.

The only construction I see in the foreseeable future is the possible construction of 4000-5000 square feet in a continuation school. That possibility is remote because of financing. Therefore, in support of your application with EPA, it appears our agency will not contribute an inordinate burden for your agency. Please don't hesitate to see me for amplification if I have failed to address your question and need.

Warmest personal regards,

Hal Mason

Hal Mason, Ed D
Assistant Superintendent

16. Lake Valley Fire Protection District

LAKE VALLEY
FIRE DISTRICT

P.O. BOX 11132 TAHOE PARADISE, CALIFORNIA 95708 PHONE (916) 577-3737

January 13, 1981

RECEIVED
JAN 14 1981
S.T.P.U.D.

South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, Ca. 95705

Attn: Mr. James Cofer

Dear Mr. Cofer,

The Board of Directors of the Lake Valley Fire Protection District discussed the Utility District's mitigation program and reviewed your letter on the subject. It has always been the goal of the Board of Directors of the Fire District to provide the best possible service to the residents and property owners of the fire district, within reasonable budgetary constraints.

Therfore, the Lake Valley Fire Protection District makes a commitment to maintain the existing level of fire protection to the District, provided that continued adequate funding is available.

If I or any other member of the Board of Directors may be of any assistance in the future, please feel free to call on us.

Sincerely,

Willis Brown

Willis Brown
Chairman, Board of Directors
Lake Valley Fire Protection
District.

17. Sierra Pacific Power Company

OCT 30 REC'D

Sierra Pacific Power Company

EARL W. COOPER

October 27, 1980

Mr. Anders J. Hauge
Senior Planner
Quad Consultants
1415 18th St., Suite 611-615
Bakersfield CA 93301

Dear Mr. Hauge:

Sierra Pacific Power Company has had, for the past several years, a free home energy audit service available to our customers.

We have actively advertised and promoted this through bill enclosures and direct mailings. The purpose of the audit is to provide home owners with cost-effective means of conserving energy and lowering their utility bills.

If I can provide further information, please feel free to contact me.

Yours very truly,

Earl W Cooper

Earl W. Cooper
District Manager

EWC/ho

c.c. Jim Cofer
South Tahoe Public
Utility District

P. O. BOX 101 / SOUTH LAKE TAHOE, CALIFORNIA 95705 / TELEPHONE 916/541-2040

18. South Lake Tahoe Chamber of Commerce

SOUTH LAKE TAHOE CHAMBER OF COMMERCE

January 26, 1981

James Cofer
South Tahoe Public Utility District
Box AU
South Lake Tahoe, Ca. 95705

Re: 25% Reduction of Solid Waste Materials

Dear Mr. Cofer,

The South Lake Tahoe Chamber of Commerce would help sponsor a program to substantially reduce solid waste in our area.

Our Keep Tahoe Beautiful program has been in effect for almost a year. The direction of the program to this date is anti-litter education in schools and clean up campaigns. We are supporting South Tahoe Refuse Co. in it's effort to construct a recycling center next to the transfer station.

The cost effectiveness of burning paper waste as an alternative energy source should be explored. This process is one that may be adaptable to the needs of the utility district.

Sincerely yours,

John Wynn

John Wynn, Exec. V. P.

P. O. BOX 15090 SOUTH LAKE TAHOE, CALIFORNIA 95702 TELEPHONE 916 541-5255

19. City of South Lake Tahoe

CITY OF
SOUTH LAKE TAHOE
CALIFORNIA

P.O. BOX 1210 – SOUTH LAKE TAHOE, CALIFORNIA 95705 – PHONE (916) 541-2900

CITY CLERK
Evelyn L. Roberson

CITY COUNCIL
John N. Cefalu, Mayo
Frank Benevento
John H. Hubbell
Terry Trupp
Norman C. Woods

January 22, 1981

SOUTH PUBLIC UTILITY DISTRICT - Jim Cofer
P.O. Box AU
South Lake Tahoe, California 95705

UNDERSTANDING AND COMMITMENT WITH SOUTH TAHOE PUBLIC UTILITY DISTRICT IN OBTAINING FEDERAL GRANT MONIES

Enclosed for your reference is a certified copy of a Resolution adopted by the City Council of the City of South Lake Tahoe on January 20, 1981 entitled:

> City of South Lake Tahoe Resolution No. 1981-11
> A Memorandum of Understanding and Commitment by and between the City of South Lake Tahoe and the South Tahoe Public Utilities District to assist in the obtaining of certain Federal Grant monies

EVELYN L. ROBERSON - CITY CLERK

ELR:sh

Enclosure

Rev. 1/20/81

CITY OF SOUTH LAKE TAHOE

RESOLUTION NO. 1981- 11

I, Evelyn L. Roberson, City Clerk of the City of South Lake Tahoe, California, do hereby certify that this is a true and correct copy of the document as it appears of record in my office.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the Seal of the City of South Lake Tahoe, California, this JAN. 23, 1981

Evelyn L. Roberson

Evelyn L. Roberson - City Clerk

A MEMORANDUM OF UNDERSTANDING AND COMMITMENT BY AND BETWEEN THE CITY OF SOUTH LAKE TAHOE AND THE SOUTH TAHOE PUBLIC UTILITIES DISTRICT TO ASSIST IN THE OBTAINING OF CERTAIN FEDERAL GRANT MONIES

RESOLVED, by the City Council of the City of South Lake Tahoe that

SECTION 1. Recitals

WHEREAS, South Tahoe Public Utilities District (hereinafter STPUD) must obtain certain federal grant monies in order to insure the long-term reliability of its facilities and to allow orderly and environmentally sound use of resources in expansion of its facilities;

AND WHEREAS, in order to obtain such grant funds it is necessary and desirable for the City of South Lake Tahoe (hereinafter City) to make certain commitments in cooperation with STPUD to insure the long and short term protection and enhancement of Lake Tahoe and its environment;

AND WHEREAS, without such commitments there is a substantial question as to the short-term reliability of the plant and its ability to perform its legal obligations without damage to the environment;

AND WHEREAS, the commitments contained herein are believed by the parties to contain adequate environmental safeguards to allow not only short-term upgrading of the plant, but its ultimate expansion to allow service to properties which are developable under the upcoming environmental threshold determinations for the Lake Tahoe Basin;

AND WHEREAS, such commitments have been concurred in by an inter-agency task force with representatives from all affected local, State, and Federal agencies, including the Environmental Protection Agency;

The parties do therefore enter into this memorandum of understanding and commitment.

SECTION 2. Mitigation Measures

City hereby agrees to undertake or continue the following mitigation measures in the areas specified, subject to the conditions and exceptions set forth in Section 3 hereof.

A. Erosion and Drainage Projects

1. City commits to continued enforcement of Sections 8-6 and 32-62 of the City Code dealing with revegetation of bare areas.

2. City commits to continue with good faith processing of its four applications presently pending before the State Water Resources Control Board for the stabilization and revegetation of existing unstable slopes. If received, and local matching funds are obtained, design and construction could take place in 1981.

3. City commits to study of the feasibility, means, and mechanisms of requiring protective cover of public and private dirt roads as part of the update of the City's General Plan Conservation Element, with adoption of policies and implementing ordinance by June 1982.

4. City commits to continue its present budgetary commitment for 1980-81, as it has for the past five years, of $10,000 to pave street shoulders and install dry wells to reduce surface erosion.

5. City commits to continue its present processing of grant applications before the Water Quality Control Board for an improved and expanded storm sewer systems within the City. If received, and matching funds are obtained, design and construction could take place in 1981.

B. On-Site Run-Off Controls

1. City commits to continued enforcement of City Code Section 8-6, which requires onsite drainage controls for multiple family and commercial construction.

2. City commits to continued enforcement of the requirements set forth in Section 8-6 of the City Code for provisions of protective cover such as siltation berms on private roads and driveways.

3. City commits to continued enforcement of the erosion control measures provided for in Section 8-6 of the City Code and commits to the use of best management practices for sites to be developed under the 1981 Building Allocation System and snow disposal facilities, as determined by counsel and technical staffs for City and other affected agencies, including TRPA and CTRPA. An ordinance establishing the Building Allocation System will be adopted in February, 1981, with revised Best Management Practices adopted by May, 1981.

4. City commits to addressing, within the framework of the upcoming General Plan revisions or in cooperation with agencies responsible for implementation of the 208 Water Quality Plan, the potential negative impacts on water quality of fertilizer usage on golf courses and similar uses. If the City's study is not a duplication of another agency's study effort, the City commits to adopt policies and implementing ordinances by June, 1982.

C. Development Restrictions

1. City commits to support, as required by law, the California Tahoe's Regional Planning Agency's prohibition on new subdivisions, and commits to abide by Tahoe Regional Planning Agency's policies regarding subdivisions when CTRPA no longer has jurisdiction.

2. City commits, as an interim measure for the 1981 building season, to support the California Tahoe Regional Planning Agency's prohibition on development in stream environment zones and commits to abide by Tahoe Regional Planning Agency's policies when CTRPA no longer has jurisdiction. City will draft an allocation ordinance consistent with that prohibition as required by law, which will be considered in February, 1981, and will implement that ordinance beginning in March, 1981, in a manner consistent with City's legal obligations. City will continue its present program of review of development proposals on the 100 year flood plan.

3. City will continue with processing of its four applicatons to the Water Quality Control Board for remedial erosion and drainage control projects to off-set the effects of new construction. If received, and matching funds are available, design and construction could take place in 1981.

D. Forest Practices

1. City commits to continue its present review of applications for abandonment of unimproved dirt roads and requiring revegetation as a condition of approval upon such abandonments. The City will review the Circulation Element of the General Plan to develop policies and implementation measures for the abandonment and vegetation of unneeded dirt roads within the City by June, 1982.

2. City commits to continued enforcement of its prohibition of off-road vehicle use except in designated areas.

3. City commits to the use and enforcement of best management practices on City projects in forest areas and will address the negative impacts, if any, of City campground expansion and undertake mitigation measures required for any such expansion.

E. Geology and Soils

1. City commits to the enforcement of the 1979 Uniform Building Code provisions adopted by City regarding geology and soils through the Building and Safety Department and its 1980-81 budget of $319,000 for support staff.

2. City commits to the updating of the Seismic Safety Element of the General Plan, and will address therein appropriate mitigation and control measures regarding development on fault zones and unstable slopes and will adopt appropriate control measures by June, 1982.

F. Biology

1. City commits to support U. S. Forest Service and other agency efforts to inventory, monitor, and if necessary draft control measures for recreational use of meadows, bogs, aspen groves, and other valuable habitats in accordance with the management plans of the U. S. Forest Service and State Fish and Game Departments. Such issues will also be addressed through the update of the conservation Element of the City's General Plan scheduled for completion by June, 1982.

2. City commits to incorporating within its General Plan Conservation Element, to be updated by June, 1982, specific provisions to protect active ospery and peregine falcon nests and to continue use of the California Environmental Quality Act to protect endangered species, if any, as required by law.

G. Noise

1. City has prepared a draft noise control ordinance and is in the process of updating its General Plan, including the Noise Element. City commits to address the standards and data of TRPA and other regional agencies in revising it's Noise Element and to adopting appropriate ordinances to implement the revised plan element by June, 1982. City will continue to place conditions of approval to limit noise impacts upon discretionary permits.

2. City commits to continue its program under Section 32-63 through 32-78 of the City Code regarding amortization of non-conforming land uses and its program of evaluating noise impacts through the CEQA process and imposing appropriate mitigation measures upon discretionary permits.

H. Meteorology and Air Quality

1. The City reaffirms its support of inspection and maintenance of motor vehicles on a state-wide basis, commits to pursue a program for the California portion of the Basin, and will continue its program of periodic inspection and maintenance of City vehicles with regard to air quality requirements.

2. The City also commits staff time to support other agency's efforts to further study measures to reduce cold start emissions, by June, 1981. The City also commits to updating the Housing Element of the General Plan by June, 1981, to consider methods such as requiring covered parking.

3. City commits to implementation of projects identified for improving traffic flow, after approval of the various regional agencies has been obtained. With such approvals, several of these projects as identified in the Transportation Improvement Program can be funded and completed during the 1981-82 budget process.

4. City commits to continue assistance and support to the California Highway Patrol, the Visitor's Bureau, and Cal Trans in implementing drivers advisories.

5. City commits to continue its present requirements for loading space under Section 32-45 of the City Code for new commercial and industrial development.

6. City commits to continue its present program of staggered work hours for police, fire, recreation, and some public works staff, and commit staff time to support other agency's further study of the feasibility of incentives for staggered work hours.

7. City will continue its present snow removal procedures to facilitate efficient cross and through traffic movement.

8. City has completed a Traffic Safety Plan that identifies desirable improvements, and will consider incorporating portions of the plan during the 1981-82 budget process by August, 1981.

9. The City, through updating of the General Plan Land Use Element will by June, 1982, consider an amendment to the Zoning Ordinance to prohibit drive-up windows and, in the interim as required by law, to support the similar CTRPA restriction.

10. The City commits to continue its present program of prohibiting on-street parking where it interferes with efficient traffic flow.

11. The City commits to investigate the feasibility of parking supply management programs within the City by Septemeber, 1981, including but not necessarily limited to a parking program for the Heavenly Valley Ski Area which mitigates negative impacts upon surrounding residental areas; and to commit staff time to provide input to other agency's further study of parking supply management.

12. The City commits to continue its current program of imposing conditions of approval upon commercial discretionary projects which deal with parking operation, including the use of "Lot Full" signs and valet parking.

13. While revising the Land Use Element of the General Plan; which will be complete by June, 1982, the City commits to considering additional parking operation conditions for commercial developments, as well as evaluating the adequacy of present parking standards.

14. The City commits to staff time and input into the efforts of the Tahoe Basin Transit Authority (TBTA) or its successor agency to research the feasibility of park and ride periphial parking facilities at Lake Tahoe.

15. The City commits to investigate the feasibility of parking meters in managing the location and duration of parking by September, 1981; and to commit staff time to working with other agencies to further study the feasibility of parking surcharges.

16. The City commits to continue its exploration of alternative funding sources for the implementation of the mitigation measures for the Tahoe Basin Air Quality Attainment Plan as agreed to by City. These sources include, but are not necessarily limited to license plate surcharge, allocation of funds from the Environmental License Plate fund, Tahoe Basin Transit District funding through State and Federal sources, and redevelopment financing mechanisms.

17. The City will support the TBTA carpool demonstration program and will support other agency's investigation of the feasibility of mass transit incentatives for both public and private employers, including carpooling.

18. The City will continue its on-going bike trail program, which includes a recent award of bid for Phase 1 of the Highway 50 bike trail and the existing budgetary commitments of approximately $300,000 to two additional bikeway projects.

19. The City will continue implementation of its State-funded bus shelter plan and will explore other mechanisms for providing additional pedestrian facilities as part of a review of the Circulation Element of the General Plan by June, 1982.

20. The City will continue its present program of scheduling road projects is such a way as not to conflict with peak traffic periods and/or the provision of alternative routes.

21. The City supports a revised mail delivery plan within the City and commits to further investigation of its feasibility in cooperation with the U. S. Post Office.

22. The City commits staff time and input on further study by other agencies on the feasibility of rail transit, including the Transportation Alternatives Analysis.

23. The City's present fleet of 12 general purpose buses and 6 ski buses will be continued, as will the City's present plan for purchase of two buses annually. The City will continue with its present plan to implement express bus service on Highway 50 by 1982.

24. The City will assist the TBTA or its successor agency in seeking funds for the implementation of free mass transit within the City, at no City expense.

25. The City will cooperate with and support the TBTA or its successor agency in developing a plan to accomodate express bus lanes on Highway 50.

26. The City will support employee mass transit incentives, including education and promotional programs devised by TRPA or TBTA or its successor agency.

27. The City commits to continue its present development review process, as improved and augmented by the "one-stop" permit process scheduled to begin February, 1981. The City will, as a part of the General Plan update, reevaluate its development standards. It is anticipated this reevaluation will be complete by February, 1982.

28. The City will continue its present Parklands and Open Space Program, including a reservation of 5% of the general fund budget to fund purchase of fragile lands. These funds will be used in conjunction with the monies provided by the Burton-Santini bill or other available grant funds to insure that property owners are equitably compensated where use of their land is prohibited.

I. Stationary Sources Measures

1. The City will continue its present program of developing an energy conservation plan for City facilites, including the conservation of heating sources for greater efficiency; and has pursued Small Cities Community Development Block Grant funding for a Public Facilities Energy Conservation Program.

2. Through the General Plan update process the City will update its Conservation Element by June, 1982, and incorporate programs and policies which encourage and give incentives to developments utilizing alternative energy sources and to adopt appropriate ordinances

J. Visual Resources

1. The City will continue its present Architectural Review of discretionary project approvals to assure quality development. The City will adopt updated design criteria and guidelines by June, 1982 through the general plan update process. The City Council will adopt the necessary ordinance to create a redevelopment agency in the City of South Lake Tahoe and will, through the redevelopment, planning, and implementation process, be able to assure significant public improvements in commercial and residential areas and application of high quality development standards within project areas.

K. Land Use and Housing

1. The City will continue its present program of low cost loans to low and moderate income residents through Bank of America. Further, the City Council has authorized the submission of a pre-application for approximately $400,000 in Housing and Community Development Funds for 1981-82 with the major emphasis of the program being improvements in affordable housing opportunities with the community, housing rehabilitation, and supporting public improvements. This will be further supported by the Redevelopment Agency process outlined in Section J.

2. The City will continue its present program of zoning enforcement, including zoning investigation and abandoned vehicle abatement.

3. The City will continue its present program, to the extent allowed by law, of allocating 10% of each years building permit allocation for low and moderate income housing and will continue to work with prospective developers of such housing to provide affordable housing opportunties. The City will investigate the feasibility of creating, concurrently with or separately from a redevelopment agency, a Housing Authority to encourage affordable housing opportunities.

4. The City, through the General Plan update process and its Housing Element, will address creating incentives for employers to expand housing stock when expanding business activities, incorporate those policies into the housing element, and adopt appropriate ordinances by September, 1981.

5. The City commits to full involvement in coordination of region-wide land use policies, including local, State, and Federal planning efforts. The City has already reorganized the Planning Department to substantially commit the Planning Director to advance planning and inter-agency liaison. The current planning function has been transfered to a "one-stop" permit process in which all regional agencies have been invited to participate and have, in principle, indicated their concurrance.

L. Transportation

See Section H.

M. Recreation

See Section H. 27.

N. Public Services/Fiscal Concerns

1. The City commits, as an interim measure for the 1981 building season, in cooperation with CTRPA, as required by law, to insure that new development take maximum advantage of existing service capacities. The implementing ordinance will be adopted by March, 1981.

2. The City will continue its present program of shared public facilities with other agencies, including joint law enforcement facilities with El Dorado County and joint use of computer systems by various basin agencies.

3. The City will continue its present program of requiring project applicants to provide necessary infrastructure to support the project through existing ordinance requirements.

4. The City will continue its present support of efforts to consolidate existing service districts, where practicable, through LAFCO.

5. The City will continue its present program of encouraging recycling and resource recovery efforts by the solid waste franchise holder and the community at large as well as continuing its present program of overseeing and acting as funding receipient for the Keep Tahoe Beautiful Program.

O. Utilities

1. The City will continue its present program of supporting STPUD's efforts to install retrofit water conservation devices; and will consider retrofitting as an eligible activity under the Housing and Community Development Block Grant for which the City Council authorized preapplication in January, 1981.

2. The City will continue its present support of STPUD's efforts to enforce water conservation requirements and act as a disseminator of information concerning such programs.

3. The City will consider, as part of its Small Cities CDBG a program preapplication, retrofitting of additional insulation as an eligible activity and will pursue grant funding from State and Federal sources in addition to HUD for such programs.

4. The City has adopted the 1979 Building Codes which provide for the present state of the art in energy efficiency on new projects.

5. The City will continue its present program of participating in the El Dorado County Energy Committee and commits to dissemination of information concerning energy conservation and awareness as a part of programs undertaken by other agencies.

6. The City, which organized the Tahoe Basin Transportation Authority, commits staff time to study ways to develop energy efficient transportation systems in the Lake Tahoe Basin by TBTA or its successor.

P. Cultural, Archeological, and Historical Resources

1. The City will continue its present program, as required by the California Environmental Quality Act, evaluate the historical and/or archelogical significance of the site of any proposed project. The Lake Tahoe Historical Society will provide advice and consultation as required.

2. The City will support the Historical Society in its efforts to nominate sites for inclusion in the National Register, and work cooperatively with all agencies concerning any sites of which it becomes aware.

3. The City will, through its parks and open space program, consider historic significance as a factor in any site acquisition.

SECTION 3. Conditions and Exceptions

1. The City commits to coordinate and cooperate with other agencies and to pursue sources of funding in working toward implementation of these commitments.

2. That the City supports and commits staff time for input to and coordination of TRPA's Environmental threshold and Carrying Capacity Study, which will result in policies that may affect the nature and scope of the City's commitment.

3. That it is the intent of the Council that commitments regarding Meteorology and Air Quality as contained in Section H. 1. herein will be transferred to the TBTA or its successor as an agency with jurisdiction at the appropriate time.

4. That the City reserves the right to implement effective alternative measures equal in impact to those mitigation measures identified.

5. The agreement of City to continue existing programs and/or to undertake new programs is expressly conditioned upon the availability of funds to undertake or continue such activities. While the City pledges to use every good faith effort to fullfill its commitments under this agreement, this Council cannot unequivocally bind future Council's, nor can it foresee at what point, if any, other priorities may require the City to otherwise allocate its resources. In the event of such a contingency, the City specifically reserves the right to modify, in whole or in part, its obligations under this consensus agreement, after first consulting with STPUD and other affected agencies to evaluate the circumstances and alternative courses of action open to the parties, if any.

6. These commitments are expressly conditioned upon the commitment by the Environmental Protection Agency and the State of California of grant funds in the amount of one million dollars, which grant funds shall be utilized to design the improvements necessary to insure the future reliability of STPUD's facilities and the protection of Lake Tahoe.

7. It is understood and agreed by all interested parties that, so long as reasonable good faith progress toward fullfilling of City's commitments under this agreement has been achieved within the time periods specified herein, such progress will constitute substantial performance by City of its commitments, although City will use its best efforts to fullfill the commitments outlined herein within the times specified.

8. It is further understood and agreed by and between the parties that, assuming completion and/or good faith progress by City in fullfilling its obligations under this agreement, a construction grant in the amount of 15 million dollars will be forthcoming from the Environmental Protection Agency and the State of California to allow completion of the STPUD plant rehabilitation.

PASSED AND ADOPTED by the City Council of the City of South Lake Tahoe on January 20, 1981 by the following vote:

AYES: Councilmembers Benevento, Cefalu, Trupp, Woods
NOES: Councilmembers Hubbell
ABSENT: Councilmembers None

John N Cefalu
Mayor

ATTEST:

'City Clerk

(City Seal)

hard Milbrodt
CITY MANAGER

CITY OF
SOUTH LAKE TAHOE
CALIFORNIA
P.O. BOX 1210 – SOUTH LAKE TAHOE, CALIFORNIA 95705 – PHONE (916) 541-2900

March 30, 1981

Anders J. Hauge
Quad Consultants
Great Western Building
1415 18th Street
Bakersfield, CA 93301

This letter responds to your request for clarification of the City's commitment to implement air attainment measures. Attached to this letter is a detailed reply to each of the air quality measures which were shown to require further City response. If the measure is not responded to it is because City action previously taken is deemed to be adequate.

In preparing this response we carefully compared the March 4, 1981 listing furnished by CARB regarding air measures against the resolution adopted by the City Council approving the mitigation program and the original Council action adopting an air attainment program. We discovered inconsistencies between these documents and have so noted them where appropriate.

Should you have need for more information or if there are any questions on this report, please let me know.

Sincerely,

Richard Milbrodt

Richard Milbrodt
City Manager

RM:jlp

cc: Stan Randolph, ARB
Dave Clark, EPA
Jim Cofer, STPUD
Carol Drawbaugh
Ann Bogush
Pete Peterson

RESPONSE OF CITY OF SOUTH LAKE TAHOE
TO MITIGATION TASK FORCE
REGARDING AIR ATTAINMENT TASKS

Where the City is shown not to require further action, no comments are offerd. The following comments pertain to those measures where City action is required. Every comment is conditioned upon the understanding that the City is able to deal only with affairs inside the City and to the extent that issues may involve another jurisdiction of the Tahoe Transportation District, the City comments do not apply.

MM-29 (T-4, Traffic Flow Improvements)

1. Bicycle network around southshore.

Caltrans has accepted responsibility for patch parallelling Highways 50 and 89 with the City assuming responsibility for feeder routes into the main system.

Phase I of parallel paths (City limits at Camp Richard to Al Tahoe and Highway 50) is under design and EIR process with Caltrans funding and City, through consultant, performing work. Construction of Phase I scheduled late 1981 or early 1982. Caltrans is to fund through cooperative agreement with the City.

Phase II (Al Tahoe Boulevard to Stateline) the cooperative agreement with Caltrans is presently under negotiation.

The City is presently constructing the feeder routes and stripping and signing class three trails.

Up until the 1980-81 budget, the City had been budgeting $40,000 General Fund money each year for bicycle trail construction in addition to using the City's share of the 1976 Park Bond out for bicycle trail construction (approximately $120,000).

In the 1980-81 budget, the City Council alloted $100,000 for bicycle trial construction.

2. Complete pedestrian system at Ski Run Boulevard.

No record of commitment by City. In early 1979 the City Planning Commission was exploring the use of undergrounding funds for undergrounding utilities and construction of a mall type facilities along Ski Run Blvd.

The existing extreme high voltage lines along Ski Run Blvd. made the economic feasibility of this project virtually nonexistent.

Presently the City requires pedestrian facilities as a condition of permit approval for new construction. City is working with Tahoe Regional Planning Agency (TRPA) and Tahoe Transportation District (TTD) for development of a comprehensive plan for pedestrain facilities at several high use locations.

3. Eliminate all parking moves which require backing into highway.

This is currently being accomplished in conjunction with and when redevelopment of the private property takes place.

The redevelopment Agency recently formed by the City will be targeting the properties adjacent to Highways 50 and 89 for improvement which will include this item.

The City, incooperation with the Chamber of Commerce has initiated a Highway 50 beautification program to install pedestrian facilities, landscaping, and lighting. Driveway phase-out is part of this program. Completion is segmented with Al Tahoe to Rufus Allen set for 1981. Subsequent phases dependent upon funding and private sector cooperation. Police enforcement of City Ordinance prevents truck parking or storage in U.S. Highway 50 right-of-way.

4. Four lanes on Pioneer Trail between Al Tahoe Boulevard and Glen Road area, and access to Montreal from Pioneer Trail. This program to be done with the public transportation system.

The project is not presently included in the City's 5-year Capital Improvement Program. However, the Loop Road construction (presently budgeted and under EIR process) does include a connection between Montreal Road and Pioneer Trail.

5. One leg of intersection and access modifications at WYE.

Signal modifications completed in Summer 1980 by Caltrans.

6. Widening at Keys Boulevard to allow FRT.

State Highway Caltrans responsibility.

7. Close Dunlap street except for right turn movements to and from Route 50.

Presently accomplished by signing and stripping.

8. One half of the signal at Third Street, and lengthening of Third Street to connect with Washington Street.

Presently budgeted. Project is under design and EIR processing construction expected late 1981 or early 1982.

9. Study to select locations for FRT lanes at major streets and driveway intersecting with major arterials.

Under review by staff.

City staff currently studying this to complete a work plan. Implementation prevented by the Bi-State Compact until 1983.

10. Extend Carson Avenue between Route 50 and Sussex Avenue.

Presently budgeted, design and EIR complete, majority of right-of-way acquired. City has executed agreement with Caltrans construction planned late 1981.

11. One-third of the signal modification at the intersection of O'Mally/Carson and Route 50.

Should be one-half. See No. 10 above.

12. Close the street and bike mall between Los Angeles and Lakeview (west side).

See No. 1 above included in Phase II with Caltrans.

This measure is not correctly described. It involves a City-property owner cooperative project to convert a present City Street to a one way circulation, install pedestrian/bike facilities, landscaping and re-design circulation in adjoining streets. Project is planned as part of Phase II Caltrans agreement and would presently be underway except for delays in receiving Caltrans approval.

13. Enforce the closing of parking lots when full at Heavenly Valley and the casinos.

City has no control over casino parking. This would be a responsibility of Douglas County or the Tahoe Transportation District (TTD).

Closure of Heavenly Valley lots is already enforced. Heavenly Valley has installed a manually operated gate at the entrance to the main lodge parking area. The only vehicles permitted past the gate are vans, busses, and similar HOV who only discharge/receive passengers. All other vehicles are directed to the lower level parking area where one way traffic flow is enforced. Upon filling of this lot the road is closed and City employees, along with Heavenly Valley, re-direct traffic movement to alternate sites.

14. Require the private sector to allow access of high occupancy vehicles to Heavenly Valley and the casinos.

See above; is now enforced.

15. More WB access to Pioneer Trail from 50/Pioneer Trail intersection by extending Midway to tie into Glen (remove traffic signal to 50/Midway intersection). This program to be done with the public transportation system.

Not currently in five-year Capital Improvement Program.

This modification of circulation is being studied by the TRPA and TTD for implementation, if feasible, following adoption of transportation plan.

16. Improve the intersection at Park Avenue/50. This program to be done with the public transportation system.

Currently under study in the Loop Road EIR process.

Also, see answer to No. 15.

17. Remove cross traffic movements on Route 50 between the Park Avenue intersection and the Loop Road intersection with Route 50 in Nevada.

See answer to No. 15.

MM-30 (T-5, Reversable Bus Lanes)

This measure is not applicable to the City. It applies only to Placer County and should be addressed by them or by the TTD

MM-31 (T-6, Driver Advisories)

The City contributed $375,000 to the South Lake Tahoe Visitors Bureau in fiscal 80-81. Of this, approximately $38,000 was allocated to driver advisories and current information by radio and telephone. Efforts are being made by Visitors Bureau to coordinate Caltrans/CHP driver advisories with locally available information. This is an annual program funded regularly by the City.

MM-32 (T-7, Loading Regulations)

City is enforcing compliance as new construction permits are approved. The City has also created a redevelopment agency to begin clean-up of previously developed commercial property. The projects to be undertaken will include loading access off of U.S. Highway 50, restrictions on deliveries, etc. The first project for redevelopment has been applied for and City is awaiting approval from Federal/State agencies.

MM-35 (T-10, Traffic Movement Control)

City contracted with Caltrans for a traffic safety study which has been implemented over 3 years. For 1980-81, a total of $78,000 was budgeted for traffic movement control work by the Department of Public Works. This is an on-going program which is re-bugeted annually using City general funds and special road funds. The City is constantly up-dating its traffic movement control through revision of the traffic safety plan, the circulation element of the general plan and the TTD transportation planning process.

MM-36 (T-11, Idling Restrictions)

The City Council did not adopt this measure. However, the City staff is working with the TRPA to clearly define through environmental threshold measurement what impact the idling restrictions will have. It is expected that adoption by TRPA of appropriate basin-wide plans will result in routine compliance of this control measure.

MM-37 (T-12, Parking Location Control)

This measure is being studied by the City staff assigned to TTD as part of a basin-side parking management program. Within the City the Planning Department is studying adoption of a permit system to regulate on-street parking in the Heavenly Valley neighborhoods during winter and Lakeview Avenue neighborhoods during summer. If this program can be adopted enforcement will begin during 81-82 winter season.

MM-39 (T-14, Parking Operations)
MM-40 (T-15, Peripheral Parking)
MM-41 (T-16, Parking Surcharges)

These programs are part of the TSM effort being developed by the TTD. City resources committed: staff from City loaned to TTD; an annual obligation until TTD has achieved its own funding.

MM-42 (T-17, Road Use or Entry Charges)

The City Council did not approve this attainment measure. Additionally, the Bi-State Compact does not allow consideration of a basin use fee as a revenue source for the TTD.

The City is strongly committed to a comprehensive alternative revenue source. The City has initiated legislation to be introduced in both states to impose a one time only special charge ($2) on every vehicle registered in each state with the revenue to be expressly allocated for air quality/transportation programs at Lake Tahoe. The Nevada Legislature tabled the measure without discussion to await possible action by California and to complete preparation of an omnibus measure to raise new financing for a variety of transit programs in Nevada, including Lake Tahoe.

The City has also loaned staff time to TTD for the purpose of structuring a revenue program to be submitted to voters as provided by the Bi-State Compact. However, the TTD has been directed that no fiscal measure can be submitted to voters until after a transportation plan is adopted in 1983.

MM-43 (T-18, Priority Treatment for Car Pools)

The City has installed a car ride information phone (541-TRIP) to assist private and public sector drivers to pool vehicles for trips. The City is also working through Visitors Bureau to advertise special treatment available for HOV use at Heavenly Valley and clubs. An on going program; actual cost not available at this writing.

MM-45 (T-21, Pedestrian Facility)

See response to No. 2.

MM-49 (T-25, Intensive Bus Service)

The City is totally committed to development and operation of an intensive bus service to provide immediate public transportation needs pending adoption of a basin-wide transportation plan. For 1980-81 fiscal year, the City general fund will expend $146,018 to finance the bus system. This represents a subsidy in addition to fare box revenues and transportation development act financing.

Following is a summary of past, current, and planned bus program improvements which will fulfill the City commitment.

> 1979-80 Expansion of public works garage by 3 bays to service bus equipment. $165,000
>
> Council adopted a bus fleet replacement program to purchase exclusively with local funds 2 busses each year. To date five units have been delivered; four more are on order for 1981 delivery. $265,000
>
> 1980-81 Inaugurated beach bus special service to transport people from motel district to U.S. Forest Service beaches north of the City. $20,500
>
> Applied for and received State transit assistance for expanded storage and maintenance facility; passenger shelter placement and maintenance; additional vehicles to resume express service on U.S. Highway 50. $94,000
>
> Inaugurated ski bus special service to Heavenly Valley North, connecting casino core area hotels with ski resort in Nevada. $20,000

MM-50 (T-26, Free Mass Transit)

The original position of the City on this measure was that free service could be supported only if adequate revenue was available to avoid costs to the City general fund greater than spent at present.

At this time, however, two recent changes in the law preclude City adoption of this measure.

1) State/Federal law requires that fare box revenues achieve a minimum percentage of total operating cost in order to qualify for State/Federal assistance.

2) The Bi-State Compact preempts local agency adoption of revenue sources to augment current income. Until the Tahoe Transportation District has an approved revenue base it is not possible to develop revenues which would support reduced fare box receipts.

MM-51 (T-27, Express Bus Lanes)

Funding sources to implement and a schedule for implementation are dependent upon a basin-wide transportation plan.

CITY OF
SOUTH LAKE TAHOE
CALIFORNIA

hard Milbrodt
ITY MANAGER

P.O. BOX 1210 – SOUTH LAKE TAHOE, CALIFORNIA 95705 – PHONE (916) 541-2900

April 1, 1981

APR 10 REC'D

Andy Hauge
Quad Consultants
Great Western Building
1415 18th Street
Bakersfield, CA 93301

Dear Mr. Hauge,

Subsequent to completion of the city's detailed response on air attainment measures within the mitigation program it was learned that additional detail is required for the entire mitigation program. It is understood that precise cost accounting detail is not required but that some estimate is needed of funds spent during fiscal 80-81 to achieve the specific measures and a summary of funds to be budgeted during 81-82.

This letter responds to this request. Following is a summary of current year expenditures for each measure that can be identified. These costs are not identifiable by salary, supplies and capital outlay because the city does not have a cost accounting system available. The city is now preparing the 81-82 budget and, therefore, we do not know what amounts are being proposed. This data will be available in early May and can be furnished then. For the most part the costs for implementation during 80-81 are recurring costs and will be re-budgeted annually. The primary exception relates to captial improvements which are a one time project cost. The references below come from Resolution 1981-11 which is the city mitigation program.

A. Erosion and Drainage

1. Revegetation - $ 5,000 for current year on going projects
   $39,000 for one time project on campground
2. Slope stabilization - $15,000
3. Cover dirt roads - $ 1,200
4. Dry well installation - $20,000
5. Erosion control projects through LWQCB - 4 projects applied for on basis of reduced formula for local match (requirement is 25%; city petitioned for 10%); request was denied and city funds are available only for 1 project which is now in design to be built after 5/1/82.

B. On-Site Run Off Controls

1. Code enforcement on new construction - $7,800

2. Enforce situation control on roads and driveways - $12,000

3. BMP enforcement - $39,000

4. Water quality management - $2,200 for study still in process

C. Development Restrictions

1. Subdivision prohibition - no cost required

2. Allocation ordinances - $3,100 (all ordinances and a joint powers agreement with county for enforcement now drafted and in hearing process)

3. Remedial erosion projects - $800,000 project by Caltrans with $140,000 local cost and $3,500 engineering by city staff planned for construction start in May, 1981. Known as Vista View Erosion Control, it provides bank stabilization on a major section of Lake Tahoe frontage with most of the R/W provided by the city at no cost to Caltrans.

D. Forest Practices

1. Processing application for abandonment - $3,200

2. Prohibit off road vehicle use - $4,700

3. Forest Management - $3,000 annually; plus $10,000 one time project in 1981

E. Geology and Soils

1. Code enforcement - $319,000

2. Seismic up-date - no expense to date

F. Biology

1. U.S. Forest Service support for management plans - $6,100

2. Conservation plan - $350

G. Noise

1. Adopt noise element - $1,500 for study coordination with county; plan scheduled for adoption August, 1981

2. Amortize non-conforming uses - $900 for planning

H. Air Quality

1. Support I&M - no cost required

2. Study cold start emissions - no cost required; provided by El Dorado County

3. Transportation Improvements - $13,660

4. Driver's Advisories - $38,000
5. Enforce loading spaces - $2,400
6. Staggered work hours - $1,100 (for employee contact)
7. Snow removal - $145,000
8. Traffic safety - $15,000
9. Drive-up window prohibition - 0
10. Prohibit on-street parking - $32,000
11. Parking supply management - $1,200
12. Parking controls - $6,000
13. Commercial parking controls - $1,200
14. Park and Ride Systems - 0
15. Parking surcharges - $800 (plans)
16. Alternative funding - $20,000 for legislative
17. Carpooling - $8,900
18. Bike trails - $345,093
19. Bus shelter plans - $94,000
20. Schedule road projects - $3,500
21. Revised mail delivery - 0 (Note: on hold)
22. TAA - $1,200
23. Intensive bus service - $379,000
24. Free transit - 0
25. Express bus lanes - 0
26. Mass transit incentives - $2,400
27. One stop processing - $36,000
28. Open space program - $770,000

I. Stationary Measures

1. Conservation measures - $41,000
2. Conservation element - $990

J. Visual Resources

  1. Design review - $19,800

K. Housing

  1. Community improvement - $1,200 (for grant application process)
  2. Zoning enforcement - $18,000
  3. Low income housing - $1,200
  4. Housing incentives - $600
  5. Regional policies - $2,400

N. Public Services

  1. Ordinance adoption - $1,200 (ordinance now adopted)
  2. Shared facilities - $2,400
  3. Applicant conditions - $1,200
  4. District consolidation - $800 (Lake Valley Fire District consolidation; Lake Tahoe Unified School District and South Lake Tahoe Bus Service)
  5. Recycling - $1,400

O. Utilities

  1. Water conservation - 0
  2. Public information - 0
  3. Retrofit for insulation - $2,200
  4. Revise building codes - $800 (now adopted)
  5. Energy conservation - 0 (Note: program now in place through use of volunteers)
  6. Energy efficient transportation - $150

P. Cultural, Archeological and Historical Resources

  1. Evaluation of new projects - no cost
  2. Nominate sites - no cost required
  3. Site retention - no cost required

Richard Milbrodt/jlp

cc: Dave Clark
Jim Cofer
Ann Bogush

20. South Tahoe Public Utility District

Reproduced from best available copy.

RESOLUTION NO. 2205

A RESOLUTION OF THE SOUTH TAHOE PUBLIC
UTILITY DISTRICT RE COMMITMENT FOR
MITIGATION MEASURES IDENTIFIED IN THE
MITIGATION PROGRAM PROPOSED WASTEWATER
TREATMENT FACILITIES.

WHEREAS, the South Tahoe Public Utility District operates a thirteen year old advanced wastewater treatment plant in need of modification, rehabilitation, and expansion of capacity; and

WHEREAS, there is documentation of severe water quality problems at Indian Creek Reservoir where the treated wastewater is stored; and

WHEREAS, the District completed a Facility Plan Report in June 1978 in which the recommended project included: expansion of the wastewater treatment plant to a 10 mgd capacity, reduction in level of wastewater treatment, construction of a new reservoir in Alpine County for seasonal storage of treated wastewater, modification to the land application system, and maintenance of Indian Creek Reservoir with Carson River waters;and

WHEREAS, the U. S. Environmental Protection Agency completed in October 1979 a Draft Environmental Impact Statement on the South Tahoe and Douglas County Sewer plant expansion proposals. Said Draft Report included 134 mitigation measures to be implemented by 92 groups and agencies; and

Whereas, the Bi State Compact approved by the Legislatures of California and Nevada, and ratified by the U. S. Congress, restricts the expansion of the sewer plant capacity until after April 1983; and

WHEREAS, the Utility District has amended its Facility Plan to reflect a 7.5 mgd project with no increase beyond the existing allowable sewer connections; and

WHEREAS, the Mitigation Task Force has developed a Mitigation program for the proposed wastewater treatment facilities in response to the Draft Environmental Impact Statement prepared by the U. S. Environmental Protection Agency; and

WHEREAS, the Mitigation Task Force has identified fifteen (15) mitigation measures for which the Utility District has some responsibility for implementation.

NOW, THEREFORE, BE IT RESOLVED, that the SOUTH TAHOE PUBLIC UTILITY DISTRICT does make a commitment to proceed with the goals and timetable of the mitigation program as presented in the November 1980 Mitigation Task Force Report.

FURTHER BE IT RESOLVED, that the SOUTH TAHOE PUBLIC UTILITY DISTRICT commits to the following specific mitigation measures:

EROSION AND DRAINAGE PROJECTS

Measure #8 Best Management Practices
(Measure Implemented)

The South Tahoe Public Utility District does make a commitment to implement best management practices for erosion and sediment control. Presented in Attachment "A" is the scope of work for the 1981 contract between the Utility District and the U.S. Soil Conservation Service for development of erosion control plans for District's facilities. A budget authorization of $30,000 is committed to the SCS Contract. The SOUTH TAHOE PUBLIC UTILITY DISTRICT was named by the Tahoe Resources Conservation District as the "Outstanding Cooperator of the Year" for 1980. (Attachment "D")

DEVELOPMENT RESTRICTIONS.....

Measure #12. Construction is Prohibited Unless Offset by Remedial Projects
(Measure Supported)

The South Tahoe Public Utility District supports the efforts by the California Water Resources Control Board to implement remedial erosion control projects. The Utility District has submitted to the Lahontan Board five erosion control projects for inclusion on the 1980-81 grant priority list. The Heavenly Valley Water Tank and Cold Creek Watershed projects received an "A" priority by the Lahontan Board. The Utility District does commit to the implementation of these two projects. The Utility District will make its best effort to implement the other three projects not assigned grant funding priority.

TRANSPORTATION MEASURES.....

Measure #33. Staggered Work and/or Operations Hours
(Measure Implemented)

Sewer plant operators are on a 12-hour shift basis. Water and sewer maintenance personnel are on 10-hour shift basis. This action reduces the number of employees trips per week.

Measure #43. Priority Treatment for Carpools
(Measure Implemented)

Because of the 10 hour, 12 hour, and 8 hour shift schedules, it is difficult to arrange carpools. (Operators change shifts at 4:00 a.m. and 4:00 p.m.)

The District will work with other agencies in implementing carpool programs.

LAND USE AND HOUSING

Measure #67. Implement Neighborhood Facilities, Services, and Amenities to Encourage Private-Sector Investment (Measure Implemented)

District has developed Facility Plan for sewer system and Master Plan for water system to improve utility service.

Wastewater Facility Plan requires immediate modification of sewer plant to increase plant reliability. Capacity expansion is dependent upon the allowable growth identified in the TRPA studies.

Water System improvements are prioritied and scheduled in the 1979 Master Paln. Expansion of water supply is to be implemented upon need and is, therefore, subject to land use planning determinations on allowable growth.

Measure #70. Coordinate Regional Land Use Policies, Coordinate Local, Regional, State and Federal Land Use Planning Efforts (Measure Implemented)

Facility Plan for sewer system, and Master Plan for water system developed to accomplish necessary coordination.

A Memorandum of Understanding between the County of El Dorado, City of South Lake Tahoe and the Utility District was executed in February 1980 to provide for coordination of planning efforts. The Mitigation Task Force has developed a detailed program for the implementation of coordinated planning programs and mitigation measures.

PUBLIC SERVICES/FISCAL CONCERNS

Measure #77. Ensure that New Development Locates to Maximum Advantage of Existing Service Capabilities (Measure Implemented)

See comment on Measure #70.

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Measure #78. Coordinate Regional Land Use Planning and Capital Facilities Planning and Budgeting (Measure Implemented)

See comment on Measure #70.

Measure #79. Require Developers to Provide Infrastructure and Major Service Facilities and to Contribute Funds for Such Improvements (Measure Implemented)

The Utility District requires through Sewer Ordinance No.300 a sewer connection fee of $580 per sewer unit ($1740 per single family resident 3 sewer units). The Board of Directors will consider in February of 1981 amendment of sewer

Ordinance No. 300 to increase the connection charges.

Water Service Ordinances Nos. 311 and 312 establish a connection charge for water service.

Measure #80. Consolidate Service Districts (Partial Implementation)

A South Shore Water Purveyors Joint Powers Agreement is being developed to coordinate water service planning, conservation programs.

UTILITIES

Measure #35. Institute Water Conservation Programs to Reduce Water Conservation

Measure #86. Install Retrofit Water Conservation Devices

Measure #87. Enforce Mandatory Water Conservation Efforts (Partially Implemented)

The Utility District and South Shore Water Purveyors do distribute, at no cost, water conservation kits.

The Utility District, in cooperation with the South Shore Water Purveyors, will investigate and report on the feasibility of implementation of these proposed water conservation programs. An outline of the investigation is presented in Attachment "B". The District will complete the report by July 1, 1981. A program for water conservation will be implemented by December 1981.

Measure #96. Monitor Groundwater and Irrigated Runoff to Ensure that Land Application of Secondary Effluent is not Detrimental to Surface and Groundwater Quality (Measure Implemented)

Presented in Attachment "C" is the Alpine County Monitoring Program approved by the Utility District Board of Directors at its December 18, 1980 meeting. A new waste discharge permit for the land application program will be obtained from the California Regional Water Quality Control Board, Lahontan Region. A monitoring program will be a part of the permit requirements.

Measure #97. Maintain Reliable Treatment to Ensure Public Health Protection Against Potential Hazards from Using Secondary Effluent for Irrigation (Measure Implemented)

The District does make a commitment to maintain the sewage treatment and land application system to ensure public health protection.

Walter Neal Olson

WALTER "NEAL" OLSON, PRESIDENT
SOUTH TAHOE PUBLIC UTILITY DISTRICT

ATTEST:

Mary D Ambrose

Mary D. Ambrose, Clerk of Board
South Tahoe Public Utility District

****

I hereby certify that the foregoing is a full, true and correct copy of a resolution duly adopted at a regular meeting of the Board of Directors of the SOUTH TAHOE PUBLIC UTILITY DISTRICT on the 15th day of JANUARY, 1981, by the following votes:

AYES: Directors Olson, Kashuba, Wynn, Jones, Madden

NOES: Directors: None

ABSENT: Directors: None

Mary D Ambrose

MARY D. AMBROSE, CLERK OF BOARD
SOUTH TAHOE PUBLIC UTILITY DISTRICT

****

ATTACHMENT "A"

BEST MANAGEMENT PRACTICES

SCOPE OF WORK 1981 CONTRACT

U.S. SOIL CONSERVATION SERVICE

(Approved by Board of Directors 12/18/80)

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE P.O. Box 10529 So. Lake Tahoe, CA 95731

December 11, 1980

XIV-4
[illegible]
[illegible]

Jim Cofer, General Manager
South Tahoe Public Utility District
P.O. Box AU
So. Lake Tahoe, CA 95705

RE: 1981 Contract Agreement

Dear Jim:

After review of your letter dated December 5, 1980, and discussion with Bob Baer, we feel 180 man-days would be required to complete the projects outlined. This includes follow-up on the Alpine County study.

Due to increases in salaries, cost of living, overhead, and energy costs, the hourly rate is changed from $17.00/hr. to $20.00/hr. We estimate the 1981 agreement should be in the amount of $30,000.00; this includes the balance of $7,381.01 remaining from the 1980 agreement.

If you agree with these figures, please sign the extension agreement and attach this letter and a list of the projects you wish to have completed for 1981. Please send the signed extension to this office.

If you have any questions, please contact Mark Parson or myself.

Sincerely,

Mark Parson Acting
Richard C. Pyle
District Conservationist

cc: Ray Borchard, A.C., SCS Sacramento

WORK DISTRIBUTION
(man-days)

Project Items	Soil Conservationist
1. Headstart, Phase I	7
2. Headstart, Phase II	10
3. Water Storage Tanks	7
4. Erosion Control Grants	20
5. Pipeline Replacement	10
6. College Well	5
7. Conservation Plans (surface runoff control measures)	60
8. Conservation Plan (SEZ work)	10
9. General Consultation	51*
Total	180 man-days

PERSONNEL:

180 man-days x 8 hr/day x $20.00/hr.**	$28,800.00
Travel: 20 days @$60.00/day	1,200.00
Total estimated cost -	$30,000.00

*Includes time for follow-up on the Alpine County study.
**Increase from $17.00 to $20.00 due to salary increases (9.1%), cost of living and general increase in overhead and administrative costs.

SOUTH TAHOE PUBLIC UTILITY DISTRICT
Sewer · 1950 · Water
A PUBLIC AGENCY
P O Box AU South Lake Tahoe California 95705
1275 Meadow Crest Drive
Phone (916) 544-6474

PRESIDENT
WALTER NEAL [illegible]

DIRECTORS
JAMES R JONES
LORRENE KASHUBA
MICKEY MADDEN
JOHN WYNN

December 5, 1980

Mr. Richard Pyle
USDA
Soil Conservation Service
P. O. Box 10529
So. Lake Tahoe, CA 95731

Subject: 1981 Contract with SCS

Dear Dick:

The Utility District would like to meet with you, and representatives from your agency, to discuss your participation in the District's programs during 1981. Some specific areas where the District is interested in assistance by the Soil Conservation Service is presented in the following paragraphs.

1. Headstart Plant Improvements, Phase I

SCS developed a conservation plan for the project which was included in the contract documents. We would like the SCS to make on-site inspections to assist the resident engineer in seeing that the conservation plan is carried out. We anticipate these inspections would be made twice per month from May through November.

2. Headstart Plant Improvements, Phase II

Phase II of the Headstart program is the addition of approximately 4,000 square feet to the administration building, a new entrance to the plant and additional parking area. The site plan for the project is ready for SCS input. We would like SCS to develop a conservation plan for the project to be included in the contract documents.

3. Water Storage Tanks

SCS developed a conservation plan for the project which was included in the contract documents. We would like SCS to make on-site inspections of the project. We anticipate these inspections could be made twice per month from May through November.

4. Assistance on Erosion Control Grants

The District has applied to the State Water Resources Control Board for design and construction funds for several projects.

The grant application was based on conservation plans developed by SCS for the following projects:

(a) Cold Creek Watershed
(b) Airport Well
(c) Upper Truckee Pump Station Access Road
(d) Heavenly Valley Water Storage Tanks

The District would like for SCS to assist the District with the following tasks:

(a) Help select consultant to prepare contract drawings;
(b) Provide technical assistant to consultant;
(c) Review contract documents for the District;
(d) Assist the District in obtaining agency approval;
(e) Provide on-site inspection of the construction.

5. Water Pipeline Replacement

The District plans on replacing several old domestic waterlines. The lines are located in existing paved streets and meadow areas. We would like SCS to develop a conservation plan to be enclosed in the contract documents and to perform on-site inspections.

6. College Well

The District plans to develop a new domestic water well on the new community college site. We would like SCS to develop a conservation plan to be included in the contract documents and to perform on-site inspections.

7. On-Site Surface Runoff Control Measures

The 208 Water Quality Plan requires the development of control measures to prevent runoff from areas with on-site surface runoff control problems. The SCS would assist the Utility District in the development of on-site surface runoff control plans for each of the District's facilities. The facilities to be considered for control plans are as follows:

Sewer System

Treatment Plant
Luther Pass Pump Station
Camp Richard Pump Station
Pope Beach Pump Station
Tallac Village Pump Station
Venice Beach Pump Station
St. Moritz Pump Station
Tahoe Keys Pump Station
Bellevue Pump Station
Al Tahoe Pump Station
Beecher Pump Station
Upper Truckee Pump Station
Stateline Pump Station
Bijou Pump Station
Johnson Pump Station
Pioneer Village Pump Station
Emergency Holding Pond

Water System

Tata Lane Wells & Storage
Helen Avenue Wells
Chris Avenue Well
Trout Creek Boosters
Fountain Avenue Complex
Martin Avenue Well
Glenwood Wells
Blackrock Wells
Pine Avenue Well
Glen Road Booster
Stateline Reservoir
Keller Booster
Heavenly Valley Tanks
Ralph Drive Wells & Tanks
Black Bart Booster
Cold Creek Filter Plant

8. Conservation Plan for Maintenance Projects in Environmentally Sensitive Areas

The Tahoe Regional Planning Agency has requested the District to prepare a conservation plan for maintenance projects in environmentally sensitive areas. We would like SCS to assist the District in developing a conservation plan.

9. General Consultation

We would like to develop a budget for use on miscellaneous projects. We believe ten days for water division projects and twenty days for sewer division projects should be adequate.

Table I shows the anticipated level of effort required for SCS programs at the South Tahoe Public Utility District.

If you have any questions concerning these projects, please feel free to contact me. The District looks forward to working with SCS on these projects in 1981.

Very truly yours,

SOUTH TAHOE PUBLIC UTILITY DISTRICT

Robert G. Baer
Assistant District Engineer

RGB:evn

cc: Ruth Heng

TABLE I

ANTICIPATED LEVEL OF EFFORT
SOIL CONSERVATION SERVICE PROGRAMS
SOUTH TAHOE PUBLIC UTILITY DISTRICT

	Program	Man Days
1.	Headstart Plant Improvements, Phase I	7
2.	Headstart Plant Improvements, Phase II	10
3.	Water Storage Tanks	7
4.	Assistance on Erosion Control Grant Projects	20
5.	Water Pipeline Replacement	10
6.	Collete Well Project	5
7.	On-Site Surface Runoff Control Measures	60
8.	Conservation Plans for Maintenance Projects	10
9.	General Consultation	30
	TOTAL	159 Man Days

UNITED STATES DEPARTMENT OF AGRICULTU
SOIL CONSERVATION SERVICE P.O. Box 10529 So. Lake Tahoe, CA 95731

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RECEIVED
DEC 9 1980
S.T.P.U.D.

December 8, 1980

Mr. Jim Cofer, General Manager
South Tahoe Public Utility District
P.O. Box AU
So. Lake Tahoe, CA 95731

RE: Erosion and Sediment Control Plan for Work in S.E.Z.'s

Dear Jim:

On December 2, Mark Parson met with Bob Baer and Ruthie Heng to discuss control of erosion and sediment from your projects located in stream environment zones (S.E.Z.'s). Your staff requested comments for development of such a plan from SCS.

Regarding repair and maintenance work in S.E.Z.'s, SCS staff recognizes two potential situations which could arise; however, both can use similar courses of action.

I. Emergency Repair Work (i.e., export line rupture)
   A. Winter conditions (maximum water influence)
   B. Summer conditions (minimum water influence)

II. Routine Maintenance Work (i.e., pipe cleanout & inspection - usually summer conditions)

Last April, we reviewed your Master Contingency Plan Draft which included provisions for controlling erosion and sediment during flood events, spills, and pond or tank failure. This section could be expanded and revised to include procedures for emergency repair and maintenance work in S.E.Z.'s. See the attached Plan of Action. Notice that items 1 through 6 (or similar development) must be completed before item 7 (permission) is obtained to proceed with repair work. For some emergencies, would it be feasible to "skip" the permit or permission process and complete the repairs as soon as possible with agency review at a later time?

If you have any questions regarding these recommendations, please contact Mark Parson of our office.

Sincerely,

Richard C. Pyle
District Conservationist

Attachment

X 11 ÷

PLAN OF ACTION FOR WORK IN S.E.Z.'s

1. If possible, stop operation of facility requiring repair.

2. Notify appropriate staff and agencies.

3. Determine extent of damage and necessary repairs.

4. Determine feasibility and best method and route of access; if access can be made without S.E.Z. disturbance, make detailed site inspection and update #3 above. Routes of access for maintenance and emergencies should be predetermined.

5. Determine temporary erosion and sediment control measures needed to gain access or complete repairs.
   Needed practices might include:

   a. Temporary sediment barriers (straw bales, filter fabric, etc.)
   b. Temporary diversions (dikes, culverts, dams, etc.)
   c. Temporary soil stabilization (mulches, netting, etc.)
   d. Minimize disturbance (temporary fencing, site boundaries, etc.)
   e. Properly dispose of cleared vegetation and earthen material
   f. Other measures as needed

   These temporary measures may have to be left in place until such time when conditions allow the installation of permanent measures. District staff should be familiar with proper installation methods of needed practices.

6. Determine permanent erosion and sediment control measures needed to restore the project area to original condition or better. Determine proper time of installation (some permanent measures may have to be installed during better weather conditions or lower water levels). Permanent measures should be properly designed and installed to ensure longevity.

   Needed practices might include:

   a. Regrading of cuts and fills to a 2:1 (50%) slope or less; soil movement and fills should be minimized.
   b. Runoff and stream flows should be returned to the natural flow line. Runoff control measures such as diversions, subsurface drainage, dams, interceptor trenches, culverts and other water conveyance structures should be kept to a minimum.
   c. Permanent slope stabilization measures such as retaining walls, grading, and other structures should be kept to a minimum unless needed to prevent future damage to improvements or the natural integrity of the S.E.Z.
   d. Permanent vegetative cover should be established for those areas disturbed; vegetation should be replaced with species the same or similar to that removed. Fertilizers and certain soil amendments such as manure should not be used in S.E.Z.'s.

/IV-4

Submit plans and obtain permission or necessary permits and variances to proceed; revise as necessary to meet requirements.

8. Implement plan:

   a. Install temporary measures;
   b. Make needed repairs;
   c. Weather and site conditions permitting, install permanent stabilization measures.

9. Inspection and follow-up: Periodic inspections should be made to make sure temporary and/or permanent measures are operating efficiently. Regular maintenance may be needed on some measures such as sediment debris basins. Some measures may have to be replaced or repaired.

This Plan of Action can be used as a general guide as you develop your own specific erosion control program. It will be impossible to address which practices will be required without inspection of each site and potential problem. TRPA's Handbook of Best Management Practices can be used as a guide for determining which conservation practices should be used.

SCS staff is available to assist with the development of specific conservation plans when work is necessary in stream environment zones. SCS can also offer solutions to problems not in the BMP Handbook, such as what was recommended for repair work in Ledbetter's meadow. Recommendations for revegetation are so available.

In addition to the above Plan of Action, STPUD should have stockpiled temporary erosion and sediment control material (i.e., filter fabric fence) for use during emergencies. This saves time by not having to order the products and, if installed immediately, would help prevent extensive damage to resources. At a minimum, SCS suggest the following total be distributed and stockpiled at strategic locations within STPUD boundaries:

Straw bales (100 lb. bales) - 60-80 bales
Filter fabric fence (4 ft. wide) - 3 - 100 ft. roles
Jute netting (or similar - 4 ft. wide) - 5 - 100 ft. roles

21. South Tahoe Refuse Company

SOUTH TAHOE REFUSE CO. INC.

January 6, 1981

QUAD Consultants
Great Western Savings Building
1415 18th Street   Suites 611-615
Bakersfield, CA. 93301

Attention: Mr. Anders J. Hauge

Dear Mr. Hauge:

The following is our response to the list of mitigation measures indentified in the draft of the Environmental Impact Statement in connection with the proposed modification of the South Tahoe Public Utility District (STPUD) plant:

77. Ensure that new development locates to take maximum advantage of existing service capacities.

    This company has no control or jurisdiction over locations of new developments. We are willing to work with the proper agency(s) to voice our recommendations on this matter. We are willing to service all customers within our franchise boundaries which includes all present and future customers of STPUD.

78. Coordinate regional land use planning and capital facilities planning and budgeting.

    We are presently participating in this measure with use of our Transfer Station which accepts refuse from both California and Nevada.

79. Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements.

    Same answer as for measure number 77.

80. Consolidate service districts.

    We are presently practicing this measure.

82. Expand the transfer station in the City of South Lake Tahoe.

    We presently have plans for this measure and construction is expected to begin in May of 1981.

916 541-5105 • 2140 RUTH AVENUE • DRAWER S • SOUTH LAKE TAHOE, CALIFORNIA 95705

83. Encourage recycling and resource recovery efforts.

We are presently participating in this measure by advertisments and sending flyers periodically in our billings. We presently recycle corrugated cardboard, non-ferrous metals, glass, and newspapers. Greater efforts will be made upon the completion of the expansion of our Transfer Station.

If we may be of any further assistance to this program, please call.

Very truly Yours,

John F. Marchini
Vice-President

22. Tahoe Regional Planning Agency (TRPA)

TAHOE REGIONAL PLANNING AGENCY
P.O. Box 8896
South Lake Tahoe, California 95731
2155 South Avenue
(916) 541-0246

RECEIVED
FEB 4 1981
S.T.P.U.D.

February 3, 1981

Mr. Jim Cofer, General Manager
South Tahoe Public Utility District
P. O. Box AU
South Lake Tahoe, CA 95705

Subject: TRPA Commitments to Implement Mitigation Measures Identified by the South Tahoe PUD for Proposed Wastewater Treatment Facilities

Dear Jim:

On January 28, 1981, the Governing Body of the Tahoe Regional Planning Agency adopted the attached Resolution No. 81-1 setting forth the commitments by and between TRPA and the District to assist in the obtaining of certain federal grant monies. If we may be of any further assistance, please do not hesitate to contact us.

Sincerely,

Philip A. Overeynder
Executive Director

PAO:jf

Enclosure

cc w/encl.: David Clark, Environmental Protection Agency
Tom Stewart, TRPA Governing Body Member, El Dorado County
Richard Milbrodt, City of South Lake Tahoe
Roy C. Hampson, Lahontan Regional Water Quality Control
Stan Randolph, California Air Resources Board
Anders Hauge, Quad Consultants

TAHOE REGIONAL PLANNING AGENCY

RESOLUTION NO. 81-1

A MEMORANDUM OF UNDERSTANDING AND COMMITMENT BY AND BETWEEN THE TAHOE REGIONAL PLANNING AGENCY AND THE SOUTH TAHOE PUBLIC UTILITIES DISTRICT TO ASSIST IN THE OBTAINING OF CERTAIN FEDERAL GRANT MONIES

RESOLVED by the Governing Body of the Tahoe Regional Planning Agency that:

Section 1. Recitals

WHEREAS, South Tahoe Public Utilities District (hereinafter STPUD) must obtain certain federal grant monies in order to insure the long-term reliability of its facilities and to allow orderly and environmentally sound use of resources in upgrading its facilities;

AND WHEREAS, in order to obtain such grant funds it is necessary and desirable for the Tahoe Regional Planning Agency (hereinafter TRPA) to make certain commitments in cooperation with STPUD to insure the long- and short-term protection and enhancement of Lake Tahoe and its environment;

AND WHEREAS, without such commitments there is a substantial question as to the short-term reliability of the plant and its ability to perform its legal obligations without damage to the environment;

AND WHEREAS, the program to be developed under this agreement is believed by the parties to contain adequate environmental safeguards to allow not only short-term upgrading of the plant, but its ultimate expansion to allow service to properties which may be developable under the provisions of the environmental threshold and General Plan revisions required under the Tahoe Regional Planning Compact, as amended;

AND WHEREAS, such commitments have been concurred in by an inter-agency task force with representatives from all affected local, State, and Federal agencies, including the Environmental Protection Agency;

AND WHEREAS, the proposed modifications to said treatment facility do not appear to conflict with the provisions of the amended Tahoe Regional Planning Compact;

The parties do therefore enter into this memorandum of understanding and commitment.

Section 2. Mitigation Measures

TRPA hereby agrees to undertake or continue the following mitigation measures in the areas specified.

RECEIVED
FEB 4 1981
S.T.P.U.D.

Mitigation Measures	Proposed Mitigation	Scheduled Completion
Water Quality (Measures 1-16)*	As required by TRPA Compact amendments, review Calif. development proposals for conformance with Calif. Water Resource Control Board 208 Plan	Effective immediately
	Consideration of Water Quality Plan amendments to implement measures 1-17 on basinwide basis	Jan. 28, 1981
	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
Geology and Soils (Measures 19-23)*	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
Noise (Measures 24-26)*	Enforce CTRPA Noise Element as applicable under provisions of TRPA Compact amendments	Effective immediately
	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
Meteorology and Air Quality (Measures 27-64)*	As required by TRPA Compact, review Calif. development proposals for conformance with California Air Resources Board Non-Attainment Air Quality Plan	Effective immediately
	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983

* Measures as contained in Mitigation Program, Proposed Wastewater Treatment Facilities, South Tahoe Public Utility District, November, 1980

Mitigation Measures	Proposed Mitigation	Scheduled Completion
Visual Resources (Measure 65)*	Enforcement of CTRPA height limitations as required by Compact amendments	Effective immediately
	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
Land Use and Housing (Measures 68-70)*	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
Transportation (Measures 72-73)*	Tahoe Regional Planning Compact establishes Tahoe Transportation District	Effective immediately
	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983
	Enforce CTRPA Indirect Source Review Ordinance as applicable to California projects	Effective immediately
Public Services/Fiscal Concerns (Measures 77-79)*	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of adoption of General Plan to implement thresholds	June 19, 1983
Utilities (Measures 85, 87 & 92)*	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983

Mitigation Measures	Proposed Mitigation	Scheduled Completion
Cultural, Archaeological and Historic Resources	Development and adoption of Environmental Thresholds	June 19, 1982
	Development and adoption of General Plan to implement thresholds	June 19, 1983

PASSED and ADOPTED by the Governing Body of the Tahoe Regional Planning Agency on January 28, 1981 by the following vote:

Ayes:	Mr. Ferrari, Mr. Stewart, Mr. Kjer, Mr. Swackhamer, Mr. Sevison, Ms. Stoess, Mr. Jacobsen, Mr. Phillips, Mr. Woods, Mr. Westergard
Nays:	None
Abstain:	Mr. Reed
Absent:	Mr. Mangers, Mr. Steele, Mr. Hall

Roland D. Westergard
Chairman

TAHOE REGIONAL PLANNING AGENCY
P.O. Box 8896
South Lake Tahoe, California 95731
2155 South Avenue
(916) 541-0246

April 3, 1981

Mr. Jim Cofer, Manager
South Tahoe Public Utility District
P. O. Box AU
South Lake Tahoe, CA 95705

Subject: Status of Gaining Commitments to Implement Mitigation Measures

Dear Jim:

Please find enclosed a preliminary budget and work program which indicates the programs which the Tahoe Regional Planning Agency will undertake during the Fiscal Year 1981-82. Many of the work elements and tasks relate to the commitment of TRPA to implement the mitigation program which was approved by the TRPA Governing Body.

The current outlook for funding these programs appears to be bright, particularly with regard to development of environmental thresholds and carrying capacities. The development of environmental thresholds is a major element in TRPA's proposed mitigation program which includes a commitment to assist the Utility District to develop an environmentally sound system for management of development which may be accommodated by the upgrading and expansion of the wastewater facilities.

TRPA is in the process of executing a contract with the U.S. Forest Service for conducting the first seven months of the work program for development of environmental thresholds. The Agency has also been notified of the commitment of EPA to contribute $250,000 towards the development of environmental thresholds, in addition to $200,000 in Section 208 funds and $150,000 for development of visibility criteria for air quality.

The Agency has submitted budget requests to both California and Nevada for development of the environmental threshold program as well as other Agency activities (total $450,000) and has received favorable comments from both state agencies responsible for resource conservation. Under the TRPA Compact, local governments are required to contribute $150,000 towards the operating activities of TRPA. In addition, the TRPA Governing Body and Finance Committee have made a commitment to ensure that project review and enforcement activities are self-funded through assessment of filing fees for new development.

In summary, TRPA has made significant progress towards gaining the necessary commitments to carry out its mandates under the Compact amendments as well as its commitment to support the Utility District through the mitigation program. Please do not hesitate to contact me if I can be of any further assistance.

Sincerely yours,

Philip A. Overeynder

Philip A. Overeynder
Executive Director

PAO: jf

Enclosure

cc: B. David Clark, EPA

BUDGET SUMMARY

DRAFT

Expenditures:

Staff Salaries and Benefits		
Project Review Division		$224,089
Long Range Planning Division		205,529
Management Division		71,720
	Sub-Total	$501,338
Support Costs (Office Equipment, Transportation, etc.)		
Project Review Division		$ 47,443
Long Range Planning Division		42,172
Management Division		15,814
	Sub-Total	$105,429
Legal Support		
Project Review Division		
Management Division		
	Sub-Total	$ 85,000
Contract Support		
Project Review Division		
CTRPA Staff Contract		$ 40,000
Land Capability Challenges		12,000
Long Range Planning Division		
Lahontan RWQCB		100,000
Water Quality Plan		100,000
Adaptive Simulation Modeling		125,000
Data Management System		
Environmental Threshold		207,800
Water Quality		
Contingencies		25,000
	Sub-Total	$1,331,567

REVENUES:

TRPA General Fund		
Local Sources		$ 150,000
California		300,000
Nevada		150,000
Grants/Contracts		
EPA Section 208 Grant		200,000
EPA Section 106 Grant		50,000
EPA Section 105 Grant		30,000
U.S. Forest Service Contract		225,000
Filing Fee Income		235,778
	Total	$ 1,340,778

COST SUMMARY - 100 - LONG RANGE PLANNING DIVISION

Staff Salaries and Benefits:

Executive Director (6 months)	$ 23,384
Principal Planner	34,629
Senior Planner (Water Quality)	24,886
Senior Planner (Land Use)	27,436
Associate Planner (Transportation/Air Quality)	21,817
Senior Planner	27,436
Draftsperson/Cartographer	17,782
Secretary II	16,142
Secretary I	12,018
Sub-Total Staff Salaries and Benefits	$205,529
Support Costs	42,172
Contract Costs	
Lahontan RWQCB (Urban Runoff)	100,000
Management Plans (for high erosion hazard lands)	100,000
Adaptive Simulation Modeling	125,000
Data Management System Development (Geobased System)	
Environmental Threshold	207,800
Water Quality	50,000
Contingencies	25,000
TOTAL	$855,501

FUNDING SOURCE SUMMARY - LONG RANGE PLANNING DIVISION

EPA 208 Grant	$200,000
EPA Section 106 Grant (Clean Water Act)	50,000
EPA Section 105 Grant (Clean Air Act)	30,000
U.S. Forest Service Contract (Environmental Threshold)	225,000
Sub-Total Grants/Contracts	$505,000
TRPA General Fund	
Local Sources	$ 87,705
California	175,409
Nevada	87,704
TOTAL	$855,818

COST SUMMARY - 200 - PROJECT REVIEW DIVISION

Staff Salaries and Benefits:	
Chief Project Review	$ 34,629
Senior Planner	27,436
Associate Planner	24,053
Assistant Planner (Shorezone)	21,818
Assistant Planner (Streamzone)	21,818
Senior Environmental Investigator (2)	46,324
Shorezone Assistant/Receptionist	15,318
Zoning Clerk	12,765
Secretary II	19,928
Sub-Total Staff Salaries	$224,089
Legal Support	28,330
Support Costs	47,443
Contract Labor (CTRPA staff)	40,000
TOTAL	$339,862

FUNDING SUMMARY - PROJECT REVIEW DIVISION

Filing Fee Income	$235,778
TRPA General Fund	
Local Sources	26,238
California	52,479
Nevada	26,240
TOTAL	$340,735

COST SUMMARY - 300 - MANAGEMENT DIVISION

Staff Salaries and Benefits:

Executive Director (6 months)	$ 23,384
Finance Director	24,552
Administrative Assistant	23,784
Sub-Total	$ 71,720
Support Costs	$ 15,814
Legal Support	
Litigation	42,500
Consultation	14,165
TOTAL	$144,225

FUNDING SOURCE SUMMARY - MANAGEMENT DIVISION

TRPA General Fund	
Local Sources	$ 36,056
California	72,113
Nevada	36,056
TOTAL	$144,225

OVERALL WORK PROGRAM

Fiscal Year 1981-82

Tahoe Regional Planning Agency
March, 1981

CONTENTS

I. Mandates of the Tahoe Regional Planning Compact (As amended)

II. Overview of Comprehensive Planning Program

- A. Current Adopted Plans
- B. Status of Current Programs
- C. Mandates of Federal Laws
- D. Mandated Elements of TRPA General Plan
- E. Proposed Work Elements and Resource Requirements

III. Project Review and Enforcement Program

- A. Current Programs
- B. Mandates of TRPA Compact
- C. Plan Implementation Requirements
- D. Proposed Work Elements and Resource Requirements

IV. Management of Agency Programs

- A. Proposed Work Elements and Resource Requirements

Category: 100 - Long Range Planning

Sub-Category: 101 - Water Quality Planning

Work Element: 101.01 - Water Quality Management Plan (Section 208 Federal Clean Water Act)

Note: A work program for water quality management planning program was approved by the Governing Body on February 26, 1981. The Governing Body authorized final revisions to this work program prior to submission to EPA for requested funding. The final work program will be incorporated as part of the Agency's Overall Work Program.

Objectives: Develop an updated water quality (208) plan which meets the requirements of non-degradation of water quality through further assessment of remedial erosion control program, development of management plans for high erosion hazard lands and management plans for stream environment zones. Develop a financial program, regulatory program (as required), and offset policy necessary to show attainment of water quality standards and satisfy conditions of approval of both states and EPA.

Work Tasks: See Detailed Work Program

Products: See Detailed Work Program

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Principal Planner	1	$ 2,286	$ 615	$ 2,901
Senior Planner (Water Quality)	8	16,590	4,920	21,510
Senior Planner (Land Use)	3	6,859	1,845	8,704
Draftsperson/Cartographer	2	2,964	1,230	4,194
Contract Support				
Urban Runoff (Lahontan)	n/a	n/a	n/a	100,000
Management Plans for SEZ's and High Hazard	n/a	n/a	n/a	100,000
Total	14	$ 28,699	$ 8,610	$ 237,309
% Total Effort				

Funding Sources:

EPA Grant -	$200,000
TRPA General Fund - (TRPA Match for 208 Grant @ 25%)	
Local Sources	8,333
California	16,666
Nevada	8,334
Total -	$233,333

Category: 100 - Long Range Planning

Sub-Category: 101 - Water Quality Management (Section 106 Federal Clean Water Act)

Work Element: 101.02 - Refinement of Water Quality Management Operations

Objectives:

Category: 100 - Long Range Planning

Sub-Category: 102 - Air Quality Planning

Work Element: 102.01 - 1982 Air Quality Non-Attainment Plan Update

Objective: Update the Air Quality Non-Attainment Plans, as currently adopted by the States of California and Nevada, as required under federal rules promulgated by the Environmental Protection Agency under the Federal Clean Air Act. Develop a consistent data base for analysis of air quality control strategies and develop a basinwide plan for attainment of air quality standards consistent with federal and state law and the TRPA Compact amendments.

Work Tasks:

- Review the air quality standards of federal and state agencies
- Review and update air quality emission factors and rates
- Review and update air quality models
- Analyze alternative control strategies for attainment of air quality standards (federal/state)
- Conduct public hearings to consider alternative control strategies
- Adopt basinwide air quality plan
- Adopt implementing ordinance
- Pursue state certification and federal approval of air quality plan

Work Products:

- Basinwide air quality plan
- Implementing ordinances

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Planner (Air Quality)	9	$ 16,363	$ 5,535	$ 21,898

Funding Sources:

EPA Section 105 Grant (Clean Air Act) - $27,500[1]

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[1] Note: Work program submitted to EPA will include coordination activities with environmental threshold study. Costs for coordination included in budget for environmental threshold development.

Category: 100 - Long Range Planning

Sub-Category: 102 - Air Quality Planning

Work Element: 102.02 - Visibility Study

Objectives: Develop correlation between visibility and air quality contaminants and analyze cause-effect relationships in visibility reduction in the Lake Tahoe Basin.[1]

Work Tasks:

- Management of visibility study

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Planner (Transportation/Air Quality)	1	$ 1,818	$ 615	$ 2,433
Total				
% Total Effort				

Funding Sources:

EPA Section 105 Grant (Clean Air Act) - $ 2,500

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[1] Note: This program will be conducted under a contract from the Environmental Protection Agency. TRPA will be involved in the management of the study.

Category: 100 - Long Range Planning

Sub-Category: 103 - Transportation Planning

Work Element: 103.01 - Development of Interim Transportation Program of the Tahoe Transportation District

Objective: Develop interim program for transportation management in cooperation with the Tahoe Transportation District.

Work Tasks:

- Review and define authorities of the Tahoe Transportation District as defined in the Bi-state Compact amendments
- Review short-range transportation and air quality elements for areas of consistency with Transportation District
- Develop work program, priorities and resource requirements for transportation
- Develop interagency agreement with Transportation District for transportation solutions

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Principal Planner	1	$ 2,886	$ 615	$ 3,501
Total	1	$ 2,886	$ 615	$ 3,501
% Total Effort				

Funding Sources:

TRPA General Fund:

Local Sources -	$ 875
California -	1,750
Nevada -	875
Total:	$ 3,500

Category: 100 - Long Range Planning

Sub-Category: 103 - Transportation Planning

Work Element: 103.02 - Transportation Program Data Collection and Modeling

Objectives: Develop an updated socio-economic and transportation data base to be utilized in developing the transportation element required by the TRPA Compact amendments. Refine and verify a transportation model which defines the relationships between land use activities and transportation demands.[1]

Work Tasks:

- Update of socio-economic data contained in 1974 TRTS Study
- Update traffic counts
- Definition of capacity of basin roads

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Associate Planner (Transportation/ Air Quality)	1	$ 1,818	$ 615	$ 2,433
Total	1	$ 1,818	$ 615	$ 2,433
% Total Effort				

Funding Sources:

TRPA General Fund

Local Sources	$ 608
California	1,216
Nevada	608
Total	$ 2,432

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[1] Note: This element is contained in the CTRPA Work Program. It is anticipated that TRPA's initial role will be to serve as a coordinator between California and Nevada in data development.

Category: 100 - Long Range Planning

Sub-Category: 104 - Environmental Threshold and Carrying Capacity Development

Work Element: 104.01 - Environmental Threshold/Carrying Capacity Development

Objectives: Utilizing extensive public involvement and adaptive simulation of environmental processes, define the resource values of the basin which cannot be exceeded without causing unacceptable damage to the unique environment of the Lake Tahoe Basin.

Work Tasks: A complete work program has been developed by the Western Federal Regional Council in cooperation with TRPA. This work program will serve as the Agency's initial plan of study for conducting the environmental threshold/carrying capacity analysis required by Article V of the TRPA Compact amendments (attachment).

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Staff Support:				
Executive Director	6	$ 23,383	$ 3,690	$ 27,073
Principal Planner	9	25,972	5,535	31,507
Senior Planner (Water Quality)	4	6,222	2,460	8,682
Senior Planner (Land Use)	8	12,444	4,920	17,364
Associate Planner (Transportation)	2	3,636	1,230	4,866
Senior Planner	10	22,864	6,150	29,014
Draftsperson/Cartographer	10	14,819	6,150	20,969
Secretary II	12	16,142	-	16,142
Secretary I	6	6,009	-	6,009
Sub-Total	67	$131,491	$30,135	$161,626
Contract Labor:				
Adaptive Simulation Modeling				$125,000
Data Management System Development				207,800
Sub-Total				$332,800
TOTAL				$494,426[1]

Funding Sources:

Federal Contract -	$225,000
TRPA General Fund :	
Local Sources -	67,356
California -	134,713
Nevada -	67,357
Total	$494,426[1]

[1] Note: Fiscal Year 81-82 Portion Only. Resource requirements are based on program integration with water quality plan (Element 101), air quality plan (Element (102) and transportation plan (Element 103).

Category: 100 - Long Range Planning

Sub-Category: 105 - Public Involvement

Objective: In addition to the public involvement program contained in the work program for environmental thresholds, provide for a wide range of opportunity for public comment and input on the Agency's long range planning activities.

Work Tasks:

- Public meetings, hearings and development of environmental documentation for significant Agency planning actions.
- Respond to public input through refinement of information.

Resource Requirements:

Staff Support

	Person Mos.	Salary & Benefits	Support Costs	Total
Principal Planner	1	$ 2,886	$ 615	$ 3,501
Senior Planner (land use)	1	2,286	615	2,901
Senior Planner	2	4,573	1,230	5,803
TOTAL	4	$ 9,745	$ 2,460	$ 12,205

Funding Sources

TRPA General Fund	
Local Sources	$ 3,051
California	6,103
Nevada	3,051
TOTAL	$ 12,205

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.01 - Residential Review (Type A Permits Conforming to Land Capability Requirements)

Objective: To ensure that effective controls for environmental protection are incorporated into the design and construction practices for all residential building activities in the Tahoe Basin and to ensure that residential construction conforms to applicable plans and ordinances and meets the requirements of the Tahoe Regional Planning Compact as amended.

Work Tasks: For an estimated residential construction volume of up to 1,200 permits annually within the Tahoe Basin, accomplish the following review requirements:

-Site Plan Review

- Check for stream environment zone
- Check for shorezone and tolerance district
- Check for other critical areas (dependent on further TRPA action)
- Verify land coverage
- Verify delineation of vegetation
- Verify delineation of topography
- Verify temporary erosion controls
- Verify temporary vegetation protection
- Verify slope stabilization plan
- Verify drainage plan
- Verify revegetation plan
- Verify zoning
- Verify building height
- Verify adequacy of security for improvements

-Field Inspection of Above
-Permit Issuance and Certification of Conformance with TRPA Requirements
-Pre-construction Inspection

- Verify temporary controls placed

-Final Construction Inspection

- Verify completion of improvements above
- Release security

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
California				
CTRPA Staff Contract	18	n/a	n/a	$40,000
Nevada				
Senior Environmental Investigator (2)	24	$46,324	$14,760	$60,994
Staff Supervision				
Chief, Project Review	5	$15,908	$ 3,075	$18,983
Total	47			$119,977
% Total Effort				

Funding Sources:

Filing Fee Income

1,200 Permits @ $100 each[1]
= $120,000

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[1] Note: Reduction in projected filing fee income due to lower numbers of permits would require program to be supported from TRPA General Fund. Program is based on a self-supporting fee schedule.

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.02 - Shorezone Review

Objectives: To ensure that all construction activities taking place in the shorezone of Lake Tahoe conform to applicable Agency standards, are in conformance with the requirements of the Shorezone Plan, meet applicable standards for the protection of water quality and meet the requirements of all entities having jurisdiction over the shorezone.

Work Tasks: Review all residential, commercial, and public permit applications to determine if activity will take place in the shorezone. An estimated 200 projects will require shorezone review including the following elements:

Construction in the shorezone of Lake Tahoe is subject to all the review requirements of all other construction in the basin (Work Element 201.01). In addition, shorezone activities have additional review requirements as follows:

-Shorezone Plan

- Delineation of high water
- Delineation of wave runup zone
- Verification of shorezone tolerance
- Verification of conformance with Shorezone Plan
- Certification of environmental documents (EIS or Statement of No Significant Effect)

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Costs
Shorezone Technician	12	$17,897	$7,380	$25,277
Shorezone Assistant/Receptionist	4	$ 3,830	$2,460	$ 6,290
Total	16	$21,727	$9,840	$31,567
% Total Effort				

Funding Sources:

Filing Fee Income

210 Permits @ $150 each[1]

= $31,500

[1] Note: Based on a self-supporting filing fee schedule. Reduction in the projected number of permits would require program to be supported by TRPA General Fund.

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.03 - Stream Environment Zone Review

Objective: To ensure that construction taking place on parcels containing a stream environment zone are adequately controlled to protect water quality, sensitive vegetation and wildlife habitat, and to protect public and private investments from flood hazards.

Work Tasks: Review all residential, commercial and public works projects to determine if project will take place on a parcel containing a stream environment zone. An estimated 200 projects will require stream environment zone review including the following elements:

Construction on parcels containing stream environment zones are subject to all the review requirements of other construction within the basin (Work Element 201.01). In addition, stream zone activities have additional review requirements as follows:

Stream Environment Zone Plan:

-Delineation of stream environment zone (SEZ)

- Delineation of stream center line
- Delineation of stream order
- Delineation of required minimum setback
- Delineation of 100-year flood plain
- Delineation of riparian vegetation
- Delineation of poorly drained soils

-Siting Review for Verification of Construction Outside of SEZ Boundary
-Certification of Environmental Documents (EIS or Statement of No Significant Effect)

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Costs
Stream Zone Technician	12	$17,897	$7,380	$25,277
Shorezone Assistant/Receptionist	2	$ 1,915	$1,230	$ 3,145
Total	14	$19,812	$8,610	$28,422
% Total Effort				

Funding Sources:

Filing Fee Income

200 Permits @ $150 each[1]

= $30,000

[1] Note: Based on a self-supporting filing fee schedule. Reduction in the projected number of permits would require program to be supported by TRPA General Fund.

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.04 - Review of Activities on High Erosion/Runoff Hazard

Objectives: To ensure that any construction activities taking place on high erosion and/or high runoff hazard lands is accomplished within the requirements of non-degradation of water quality and incorporates the highest available level of erosion and drainage control technology[1] and that all other applicable requirements of the Agency are complied with.

Work Tasks: Review all residential, commercial and public works activities to determine if project will take place on a high erosion or runoff hazard area. Project review will include the following elements:

> Construction on high erosion and runoff hazard areas are subject to all the review requirements of other construction within the basin (Work Element 201.01). In addition, these activities will require a more extensive review of erosion control measures and may require incorporation of offset mitigation measures. All construction activities in these areas will require certification of environmental documents (EIS or Statement of No Significant Effect).

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Costs
Associate Planner	2	$4,573	$1,230	$5,803
Total	2	$4,573	$1,230	$5,803
% Total Effort				

Funding Sources:

30 Permits @ $200 each[2]

= $6,000

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[1] Note: This work element is based upon the TRPA Governing Body direction to review land capability class 3 lands on a case-by-case basis but does not include resource requirements to review capability class 1 and 2 lands.

[2] Note: Projected funding and resource requirements will be dependent on Agency determination of acceptance of applications for case-by-case review on capability class land 2 lots.

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.05 - Land Classification Review

Objectives: To evaluate the proper land capability classification for individual parcels to determine the applicability of land coverage restrictions and other applicable limitations based on an individual review of site characteristics.

Work Tasks: An individual site inspection will be required for all new construction (Work Element 201.01). For those areas where correct land capability classification is in question, additional analysis will be required to determine proper land capability classification. A team of specialists in soils, geology, vegetation and hydrology will be utilized to review these cases on an individual basis at applicant's request.

Resource Requirements:

	Person Months	Salary & Benefits	Support Cost	Total Costs
Senior Planner	1	$2,286	$615	$2,901
Consultant Services	n/a	n/a	n/a	$12,000
Total % Total Effort	1	$2,286	$615	$14,901

Funding Sources:

Filing Fees

100 Applications @ $150 each

= $15,000

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.06 - Commercial Project Review

Objective: To ensure that commercial development and redevelopment is in accordance with the limitations imposed by the amendments to the TRPA Compact, with the applicable regional plan elements and does not result in adverse resource impacts.

Work Tasks: Review all proposed commercial development and redevelopment proposals to ensure conformance with regional plan elements, attainment of air quality standards and attainment of water quality standards. In addition to the submission requirements for residential construction, commercial projects will be reviewed for the following elements:

- Traffic Generation and Trip Distribution
  - Potential reduction in service levels
  - Proposed traffic mitigation measures
- Air Quality Emissions and Distribution
  - Attainment of air quality standards
  - Proposed traffic and/or air quality mitigation measures
- Certification of Environmental Documents (EIS or Statement of No Significant Effect)

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Costs.
Associate Planner	3	$ 6,013	$2,460	$8,473
Senior Planner	3	$ 5,966	$ 615	$8,426
Chief Project Review	1	$ 3,182	$ 615	$3,797
Total	7	$15,161	$5,535	$20,696
% Total Effort				

Funding Sources:

Filing Fees @ $100/1,000 square feet commercial

= $19,528[1]

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[1] Note: Assumes commercial square footage as per TRPA Compact limitations equals 195,278 square feet annually.

Category: 200 - Project Review and Enforcement

Sub-Category: 201 - Project Review

Work Element: 201.07 - Air Quality Review

Objective: To ensure that residential, commercial and other development activities permitted under the TRPA Compact amendments do not result in emissions of air pollutants which would cause federal, state or regional air quality standards to be violated within the region.

Work Tasks: Define level of review necessary to ensure that air quality standards are not violated as a result of permitted development, assess alternative air quality mitigation strategies, develop review program, conduct public hearings and adopt a policy for review of air quality impacts. Review individual projects for consistency with air quality attainment policy.

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Associate Planner	1	$2,004	$ 615	$2,619
Senior Planner	1	$2,286	$ 615	$2,901
Chief Project Review	1	$3,182	$ 615	$3,797
Consultation with NDEP and ARB staff	n/a	-	-	-
Total	3	$7,472	$1,845	$9,317

Funding Sources:

TRPA General Fund - $9,317

Category: 200 - Project Review and Enforcement

Sub-Category: 202 - Interim Policy Development

Work Element: 202.01 - Ordinance Development Interpreting Limitations of Article VI(b) of Compact

Objectives: Define the requirements of Article VI(b) of the TRPA Compact amendments through development of an ordinance which interprets the limitations on residential construction permits, commercial development, apartment construction, changes in the form of ownership (parcel maps, condominium conversions, etc.) and construction of public roads and utilities.

Work Tasks:

- Develop options paper for ordinance development
- Conduct public hearings
- Draft ordinance
- Prepare final ordinance
- Distribution and publication
- Develop procedures for implementation and project review
- Coordinate process with local planning and building departments

Products:

- Ordinance interpreting limitations of Article VI(b) of TRPA Compact
- Review procedures for consistent interpretation of TRPA Compact

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Chief Project Review	1	$2,286	$615	$2,901
Legal Support (contract)	20 hours	n/a	n/a	$1,000
Total				$3,901

Funding Sources:

TRPA General Fund:

Local governments -	$1,951
California -	875
Nevada -	875
Total	$3,901

Category: 200 - Project Review

Sub-Category: 202 - Interim Policy Development

Work Element: 202.02 - Interim Policy for Attainment of Air Quality Standards

Objectives: Define the required level of review and level of mitigation or offset required in order to ensure that permitted development does not exceed federal, state or regional standards for protection of air quality necessary for protection of public health or visibility in the Tahoe Basin.

Work Tasks:

- Evaluate federal/state air quality standards
- Evaluate California and Nevada Nonattainment Air Quality Plan Requirements
- Evaluate CTRPA (California side) Indirect Source Review Ordinance Requirements
- Evaluate alternative strategies for ensuring maintenance of air quality
- Define level of review necessary to ensure maintenance of air quality
- Conduct public meetings
- Draft ordinance or policy
- Distribute and publish ordinance/policy
- Develop review procedures
- Coordinate procedures with local governments, CTRPA, Caltrans, Nevada Department of Transportation, Air Resources Board and Nevada Department of Environmental Protection

Products:

- Ordinance or policy statement
- Review procedures

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Senior Planner	2	$4,572	$1,230	$5,802
Air Quality Specialist[1]	n/a	n/a	n/a	n/a
Total	2	$4,572	$1,230	$5,802

Funding Sources:

TRPA General Fund

Local Sources -	$1,450
California -	2,901
Nevada -	1,451
Total	$5,802

[1] Note: Assumes staff time contributed by California Air Resources Board and Nevada Division of Environmental Protection for policy development and project review and assessment.

Category: 200 - Project Review

Sub-Category: 202 - Interim Policy Development

Work Element: 202.03 - Requirements for Environmental Impact Statements

Objective: Define the requirements and process for environmental impact statements to be prepared under the requirements of Article VII of the TRPA Compact amendments.

Work Tasks:

- Evaluate the requirements for environmental impact statements (EIS) contained in TRPA Compact
- Evaluate EIS process requirements as established by TRPA Rules and Regulations
- Refine Initial Environmental Report (environmental checklist)
- Develop guidelines and information requirements for completion of an EIS
- Compile a list of consultants for EIS preparation
- Develop guidelines for consultant selection

Products:

- List of available consultants and guidelines for selection
- Guidelines for EIS completion
- Development of environmental checklist

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Senior Planner	1	$2,286	$ 615	$2,901
Associate Planner	2	$4,008	$1,230	$5,238

Category: 200 - Project Review

Sub-Category: 202 - Interim Policy Development

Work Element: 202.04 - Complete Submission Requirements for Review of TRPA Applications

Objectives: Define the requirements for submission of a complete application under the revised TRPA Compact and negotiate agreements with other reviewing entities for acceptance of standardized information.

Work Tasks:

- Review TRPA Compact for required elements of approval
- Review TRPA Rules and Regulations for submission requirements
- Develop proposed guidelines and illustration packet for public distribution
- Prepare criteria for review of applications
- Prepare standard conditions of TRPA approval

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Senior Planner	2	$ 4,573	$ 1,230	$ 5,803
Associate Planner	2	4,008	1,230	5,238
Total	4	$ 8,581	$ 2,460	$11,041
% Total Effort				

Funding Sources:

TRPA General Fund:

Local Sources -	$ 2,760
California -	5,521
Nevada -	2,760
TOTAL	$ 11,041

Category: 200 - Project Review

Sub-Category: 202 - Interim Policy Development

Work Element: 202.05 - Public Involvement and Information

Objectives: Provide for a full opportunity for the public and interest groups to review and comment on all short range policy development proposals and keep all levels of government informed as to TRPA policy development proposals. Provide for efficient dissemination of information regarding Agency plans, ordinances and policies.

Work Tasks:

- Develop guidelines for public involvement
- Conduct public meetings and training sessions as required
- Provide continuous information regarding permitted uses, land capability and effect agency plans and ordinances

Resource Requirements:

	Person Months	Salary & Benefits	Support Costs	Total Cost
Chief, Project Review	1	$ 2,886	$ 615	$ 3,501
Shorezone Assistant/Receptionist	6	7,659	-	7,659
Zoning Clerk	12	12,765	-	12,765
Total	19	$23,310	$ 615	$ 23,925
% Total Effort				

Funding Sources:

TRPA General Fund:

Local Sources -	$ 5,981
California -	11,963
Nevada -	5,981
Total	$23,925

Category: 200 - Project Review and Enforcement

Sub-Category: 203 - Enforcement

Work Element: 203.01

Objective: Ensure uniform application of Agency ordinances and ensure compliance with agency approvals.

Work Tasks: Enforcement activities will be the responsibility of staff members reviewing projects. Resource requirements for staff time are therefore included in the individual work elements (i.e. shorezone, streamzone, etc.). In addition, legal support will be required to ensure adequate enforcement of Agency ordinances.

Resource Requirements:

- Legal services (Shaw, Heaton, Doescher & Owen) - $28,330
- Contributed services from local district attorneys, and attorneys general

Funding Sources:

TRPA General Fund:

Local Sources -	$ 7,082
California -	14,165
Nevada -	7,083
Total	$28,330

23. Tahoe Research Group (TRG)

UNIVERSITY OF CALIFORNIA, DAVIS

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DIVISION OF ENVIRONMENTAL STUDIES
Tahoe Research Group

DAVIS, CALIFORNIA 95616

RECEIVED
FEB 6 1981
S.T.P.U.D.

February 1, 1981

Ms. Lorrene Kashuba
Chairperson
STPUD Mitigation Task Force
P.O. Box AU
South Lake Tahoe, CA 95705

RE: Tahoe Research Group Committment to Mitigation Measures

Dear Ms. Kashuba:

I am happy to convey to you the commitment of the Tahoe Research Group, University of California at Davis, to comply with measures for the mitigation of water quality problems in the Tahoe Basin. I will describe our water quality monitoring program briefly here and have also enclosed material that goes into more detail.

The Tahoe Monitoring Program is now in its second water year of an initial five-year monitoring period. The program is funded by the U.S. Geological Survey, California State Water Resources Control Board, University of California at Davis, State Air Resources Board, Department of Water Resources, California Tahoe Regional Planning Agency, U.S. Forest Service and Caltrans. The Tahoe Research Group has primary responsibility for program operation, coordination and reporting. Program participants monitor water quality at five precipitation stations (three currently being installed), seven stream gauging stations, and several lake stations. Water quality parameters include nitrogen, phosphorus, iron, various physical and biological measures, including phytoplankton primary productivity in the lake.

We are now preparing the annual report for Water Year 1980 (October 1, 1979 to September 30, 1980). The report should be available for distribution by early spring.

We operate one state vehicle within the basin and for travel between Tahoe and Davis. Standard policy within the Group is to minimize travel miles by coordinating trips for various research and sampling purposes. Our students and employees are also committed to carpooling in the use of private vehicles.

Sincerely yours,

Robert L. Leonard

Robert L. Leonard
Director
Tahoe Monitoring Program

cc: Anders Hauge
Professor C.R. Goldman

1980 Work Statement
Interagency Program for Lake Tahoe Basin Water Quality Monitoring

I. Summary of Agency Participation

	Funds	Services
SWRCB	$35,000	
DWR		$20,000
USGS		$72,000
TRG		$22,000
CALTRANS	$10,000	
CTRPA	$ 5,000 *	
USFS	$ 5,000	

II. Monitoring Program

A. Work to Be Performed by USGS and TRG

Precipitation

Locations of Stations: Upper Ward (2200 m elev.), Lower Ward (1900 m)

Sampling Frequency: Storm basis (some subdivided storms)

Parameters: Storm intensity and duration, continuous quantitative record of precipitation, pH, NH_4, NO_3, Total P, SO_4, Cl, Organic N

Streams

Locations of Stations: Ward, Blackwood, Trout and Third (gauging stations in operation); Upper Truckee River may be installed for spring runoff (Note: installation due for completion May 9).

Sampling Frequency: Ward and Blackwood- twice weekly during winter low flow with fair to poor sampling of recent heavy rain events; other 3 streams sampled infrequently to date. When program is fully operational, sampling of all streams will be consistent and timely.

Parameters: Water discharge, suspended sediment, NO_3, Total P, SRP, Total Fe, Organic N

Lake

Location of Stations: TRG Index Station, Deep Water Series (DWS) station (mid-lake, C-2, see DWR program)

Sampling Frequency: At approximate 10-day intervals in winter for Index, weekly beginning about May 1; four DWS samplings to Mar. 15, 1980 with at least four more in the water year.

Parameters: Index Station- PPR, zooplankton, phytoplankton, light, secchi disc, temp., NO_3, Total P., Total Fe.
DWS Station- NO_3, temp. (reversing thermometers)
(Parameters expanded as of 4/29/80)

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* Contractual arrangements for these funds have not yet been made

B. Work to be performed by DWR

LAKE

Location of Stations

1. C-1, the south center station of the former Joint Investigation.
2. D-1, the deep station (proposed by Technical Committee) near south Stateline (south of C-1).*
3. D-2, the proposed deep station near the mouth of Incline Creek.*
4. C-2**, the north center station of the former Joint Investigation.
5. D-4, the Index Station of TRG, to be sampled in May only for deep nutrient, phytoplankton and chlorophyll extract.

Sampling Frequency

Three cruises (3 days each) annually during first half of May, first half of August, and last half of September.

Field Determinations (C-1, D-1, D-2, and C-2)

1. Light transmittance and Secchi disk.
2. Four parameter profile at 5 m intervals to 130 m (pH, EC, DO, Temp.).
3. Chlorophyll fluorescence (*in vivo*) profile of samples collected at 10 m intervals to 20 m below the depth of maximum fluorescence.
4. DO (Winkler) on six deepest samples from field work item "3".

Laboratory Samples (C-1, D-1, D-2, and C-2)

1. Phytoplankton count and identification to species of three or four dominant species and to genus for remainder. Biovolume to be determined by dimensioning the average organism of each reported species or genus. Two samples will be collected from each station: (a) from depth of

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* The new deep stations are to be in 160 m of water as near to the named landmark as possible.

** This mid-lake station will be sampled twice a month by the TRG (in conjunction with alternate Index Station LTP's) covering the same parameters as at the Index Station (excluding zooplankton and colored filters for light measurement).

maximum fluorescence, (b) from a composite sample prepared from aliquots of each of the 10 m samples collected from above the depth of maximum fluorescence.

2. Analyses for chlorophyll extract, silica and turbidity will be run on samples collected as in item "1".
3. May-- At Station C-1 only, standard mineral analyses will be run on samples collected as in item "1".
4. August and September-- At Station C-1 only, partial mineral analyses will be run on samples collected as in item "1".
5. Zooplankton count and identification will be conducted on samples collected by vertical tows from 150 m to surface. Zooplankton will be separated from phytoplankton (if possible) and analyzed for suspended solids and volatile suspended solids.
6. Micronutrient* samples will be collected in May only from a depth at least 30 m below the one percent light level, or from a depth which is below the 0.5 percent light level.
7. Turbidity, phytoplankton and chlorophyll extract samples will be collected in May from the same depth as the micronutrient sample.
8. Micronutrient, turbidity, phytoplankton and chlorophyll extract samples will be collected in May at the Index Station as at the other stations.

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* Micronutrient as used here denotes limiting nutrients N, P, and Fe.

24. Tahoe Transportation District

TAHOE TRANSPORTATION DISTRICT

April 7, 1981

Dave Clark
Environmental Protection Agency
215 Fremont Street
San Francisco, CA 94105

Dear Mr. Clark:

The Tahoe Transportation District (TTD), at its April meeting, considered the recommendations presented by the Technical Advisory Committee (TAC) regarding the Mitigation Program you brought to our attention in March. After considerable discussion it was decided that no action should be taken by the District. We are, therefore, forwarding to you for information the comments developed by our TAC on the Mitigation Program.

By not taking action, we are not unmindful of the importance of the Measures set forth in the plan. However, the law creating the TTD does not authorize adoption of action issues until there is first adopted a transportation plan. Tahoe Regional Planning Agency (TRPA) has that assigned responsibility and the District will turn over to them the attached comments in order that they may use it in preparing a plan.

We respectfully suggest that your agency work closely with TRPA for the purpose of completing the plan and assigning out responsibility for implementation.

Sincerely,

Del Laine
Chairman
Tahoe Transportation District

DL/sew

cc: Stan Randolph, Air Resources Board
Andy Hauge, QUAD Consultants
Jim Cofer, South Tahoe Public Utility District

Enclosure

TAHOE TRANSPORTATION DISTRICT

March 25, 1981

TO: Tahoe Transportation District Board Members

FR: Richard Milbrodt, Acting Executive Officer

RE: Transportation Measures Required for Air Attainment

At the March Meeting the District received a presentation by South Tahoe Public Utility District (STPUD) and their mitigation program consultant, Andy Hauge, regarding need for commitment to implement several transportation measures. These measures are prescribed to achieve compliance with air quality standards for the basin. STPUD requires commitment to implement as a condition of grant approval for plant expansion. The Tahoe Transportation District (TTD) was called upon to address specific transportation measures because no other existing agency has responsibility for area wide transportation programs.

In response to this presentation the TTD directed the Technical Advisory Committee (TAC) to consider the subject and return at this meeting with recommendations to assist you in responding to the STPUD. Pursuant to this direction the TAC met March 24, 1981 to review the mitigation program as it relates to transportation. Each such measure was considered and a response developed for your consideration. These comments are presented in the attached.

Pivotal to consideration of the recommendations is an understanding of 3 essential points:

1) Most transportation measures proposed for adoption were developed without consideration of a basin wide transportation plan. Specifically, state and local staff dealing with air quality planning conceived of transportation improvements which fit special needs at certain hot spot locations.

2) There was no single transportation agency in force when the initial list of measures were proposed for consideration.

3) Agreement as to the need for implementation is unanimous by all TAC members. However, ability to achieve implementation is dependant upon funding, adoption of a basin wide transportion plan and a working agreement between the District and various agencies regarding individual responsibilities.

It is recommended that the program response set forth in the attached be approved and transmitted to Tahoe Regional Planning Agency (TRPA) for review, comment and approval. Following this action the program, with such revisions which maybe adopted, be transmitted to the STPUD and Environmental Protection Agency (EPA).

Richard Milbrodt/jlg
Richard Milbrodt
Acting Executive Officer

nja
cc: Quad Consultants,
Andy Hauge

South Tahoe Public Utility District,
James Cofer

TAC Members

ATTACHMENT TO TAC REPORT ON TRANSPORTATION MEASURES REQUIRED FOR AIR ATTAINMENT

General Statement:

1) The TTD is committed to support the development of an intensive bus program as a short range transportation improvement until a long range transportation plan can be developed.

2) Adoption of a transportation plan for the basin is a responsibility of the TRPA. It is expected this planning process will be completed in 1983. Until this plan is complete it is difficult to determine the interrelationship between transportation measures and the ranking of alternatives to resolve transit needs.

Those measures that require no further action were not addressed in the work session. What follows addresses only those measures requiring response.

T-1 Automobile Inspection and Maintenance

Support in principle; requires legislative enactment

T-4 Traffic Flow Improvements

1. Bicycle network around southshore.

   Approve completion of a bicycle network within the basin as soon as practicable to include around the lake and within high traffic zones to furnish an alternative to auto travel.

2. Complete pedestrian system at Ski Run Boulevard.

   Pedestrian facilities at Ski Run Boulevard requires further study as part of a basin plan along with other high use areas which require pedestrian facilities financed by private or public sources the City of South Lake Tahoe now requires pedestrian facilities for approved new construction.

3. Eliminate all parking moves which require backing into highway.

   Enforced now by City of South Lake Tahoe

4. Four lanes on Pioneer Trail between Al Tahoe Boulevard and Glen Road area and access to Montreal from Pioneer Trail. This program to be done with the public transportation system.

   Requires further study; to be considered in planning process for TRPA plan. City of South Lake Tahoe now developing plans for circulation improvement that partly deals with this.

ATTACHMENT TO TAC REPORT ON TRANSPORTATION MEASURES
REQUIRED FOR AIR ATTAINMENT (page two)

5. One leg of intersection and access modifications at WYE.

Already implemented; additional study required to identify transportation plan for the WYE which incorporates other public transit improvements (such as a park and ride facility)

6. Widening at Keys Boulevard to allow controlled RT from U.S. 50.

Requires CalTrans implementation; also requires analysis to determine impact on traffic in relation to other scheduled improvements. Support need to consider this measure but adequate information not available to evaluate impact on complete system.

7. Close Dunlap Street except for right turn movements to and from U.S. 50.

Already implemented.

8. One half of the signal at Third Street, and lengthening of Third Street to connect with Washington Street.

10. Extend Carson Avenue between Route 50 and Sussex Avenue.

11. One third of signal modification at the intersection of O'Malley/Carson and Route 50.

Construction cost budgeted; project now in design stage; EIR and R/W in process; construction planned for start in May, 1981.

9. Study to select locations for FRT lanes at major streets and driveway intersecting with major arterials.

Under study.

12. Close the street and bike mall between Los Angeles and Lakeview (west side).

This is part of the bike trail network now in process by the city; complete improvement involves U.S. 50 visual improvement, parking revision and modification of circulation.

13. Enforce the closing of parking lots when full at Hevenly Valley and the casinos.

Heavenly Valley lot closure now enforced by the city; parking management for other high use area requires further study as part of transportation plan.

14. Require the private sector to allow access of high occupancy vehicles to Heavenly Valley and the casinos.

Already implemented.

ATTACHMENT TO TAC REPORT ON TRANSPORTATION MEASURES
REQUIRED FOR AIR ATTAINMENT (page three)

15. More WB access to Pioneer Trail from U.S. 50/Pioneer Trail intersection to Midway/Pioneer Trail intersection by extending Midway to tie into Glen (remove traffic signal to 50/ Midway intersection). This program to be done with the public transportation system.

16. Improve the intersection at Park Avenue/50. This program to be done with the public transportation system.

17. Remove cross traffic movements on Route 50 between the Park Avenue intersection and the Loop Road intersection with Route 50 in Nevada.

Part of stateline area circulation plan being developed by City of South Lake Tahoe.

Regarding CalTrans measures, TTD commits to a regular process through which it will endeavor to coordinate and integrate efforts of all member agencies to finance and implement transportation measures which are consistent with adopted basin wide plans. The TTD also commits to coordinate private sector resources to achieve an integrated TSM.

T-5 Reversible Bus Lane

Requires study as part of over-all plan; has limited application to restricted areas.

T-6 Driver Advisories

Already implemented.

T-7 Loading Regulations

Already implemented.

T-10 Traffic Movement Control

See comment above regarding CalTrans and private resources.

T-11 Idling Restrictions)
T-12 Parking Location Control)
T-14 Parking Operations)
T-15 Peripheral Parking)

Requires further study as part of overall TRPA plan.

T-16 Parking Surcharges

ATTACHMENT TO TAC REPORT ON TRANSPORTATION MEASURES
REQUIRED FOR AIR ATTAINMENT (page four)

T-17 Road Use Charges

These are elements of a comprehensive revenue program required by the compact to be prepared for voter approval as a condition of District operation. Basin user fees specifically exempted from consideration as part of such revenue program.

T-18 Priority Treatment for Carpools)
) Requires further study as part
T-21 Pedestrian Facility) of overall TRPA plan.

T-25 Intensive Bus Service

Adopt as component of TTD work plan.

T-26 Free Mass Transit

Precluded from adoption by existing California law.

T-27 Express Bus Lanes

T-28 Employee Mass Transit Incentives

Requires further study as part of overall TRPA plan.

TAHOE TRANSPORTATION DISTRICT

April 7, 1981

Roland Westergard, President
Tahoe Regional Planning Agency
P.O. Box 8896
South Lake Tahoe, CA 95731

Dear Mr. Westergard:

The Tahoe Transportation District (TTD) was requested by representatives of the U.S. Environmental Protection Agency (EPA) and South Tahoe Public Utility District (STPUD) to consider assuming lead agency responsibility for implementing a series of transportation measures intended to attain air quality standards. The District, and its Technical Advisory Committee (TAC), gave careful consideration to the request and to the individual attainment measures.

We acknowledge the need for implementation but also believe that a basin-wide approach is necessary and the measures presented to use are limited to one portion of the south shore only. More importantly, we recognize that the Compact vests with TRPA responsibility for preparation and adoption of the transportation plan. This plan will be developed by people proficient in transportation systems as well as air quality programs.

We recognize that once a plan is adopted this District can proceed to seek voter approval for financing and then implement elements of the plan. We believe that acting on the Mitigation elements given to us is premature.

It is our hope that your agency and your staff may be able to use the work compiled on the Mitigation Measures during the process of plan development. For this reason we are turning the attached comments over to you for consideration and appropriate action.

Sincerely,

Del Laine, Chairman
Tahoe Transportation District

DL/sew

Enclosure

cc: Stan Randolph, Air Resources Board
Dave Clark, Environmental Protection Agency
Jim Cofer, South Tahoe Public Utility District ✓

TAHOE TRANSPORTATION DISTRICT

March 25, 1981

TO: Tahoe Transportation District Board Members

FROM: Richard Milbrodt, Acting Executive Officer

RE: SHORT RANGE WORK PLAN

At the March meeting of the District considerable discussion took place regarding the role and responsibility of the District, the Tahoe Regional Planning Agency (TRPA) and member agencies before and after adoption of a basin-wide transportation plan. Following this discussion the Technical Advisory Committee was directed to develop and recommend for consideration at this meeting a short range work plan. As a guideline, the Board directed that the work plan be:

a) subject to TRPA approval;

b) limited to the time period until a transportation plan is adopted;

c) limited to components of present transportation system;

d) of assistance in transition into future operating responsibilities.

This report deals with that assignment.

The Technical Advisory Committee (TAC) was well attended by member agencies who contributed a carefully thought out and comprehensive set of suggestions. The recommended work plan is contained in the attachment and was compiled from a thorough review of all ideas that were presented.

It is recommended that:

1. The recommended plan be reviewed and adopted with such changes as may be determined by Board members;
2. The adopted work plan be presented to the TRPA for approval at their next meeting;
3. The Chair be authorized to present the adopted plan and that all Board members be in attendance to assist with discussion.

Richard Milbrodt/jlp

RICHARD MILBRODT

ATTACHMENT TO TECHNICAL ADVISORY COMMITTEE (TAC) REPORT ON RECOMMENDED SHORT RANGE TAHOE TRANSPORTATION DISTRICT (TTD) WORK PLAN

1. Expand TAC membership to reflect basin-wide responsibilities.

   Potential members would include north shore public and non-profit agencies with an involvement in transportation similar to those agencies representing south shore transportation.

2. Coordinate private and public transportation systems.

   This would include, but not be limited to, the following: central dispatching, ride sharing promotion, HOV incentives, park and ride programs, bus route/schedule coordination; consumer information.

3. Assist with development of TSM strategies.

   Examples are: improved signalization; parking supply management, bike and pedestrian trail improvement and availability, bus-like linkage, traffic control signing placement/usage, drive advisories, etc.

4. Locate and assist in obtaining fiscal resources.

   This includes: state local transportation fund, state transit assistance fund, federal assistance under Title 8 and 18, user fees, service charges, special appropriations from California and Nevada, contributions from local government members, etc.

5. Develop marketing program for existing transportation system/ services.

6. Study and make recommendations regarding requisitions and/or expansion of existing transportation systems.

   Examples would be: TART. STAGE, airport facilities, water transportation, etc.

7. Develop and make recommendations on approved staffing needed to achieve approved work plan.

   This would include: consultant services, direct staff and/or contracted staff from District members, office space & location, meeting arrangements, budget requirements, etc.

8. Review and comment on TRPA proposals for transportation plan and financing.

9. Assist with preparation of inventory for needed basin-wide circulation improvements.

10. Establish central library and information center for existing and on-going transportation studies prepared by District members.

25. United States Department of the Interior - Bureau of Land Management (BLM)

OCT 31 REC'D

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
District Office
1050 E. William St., Suite 335
Carson City, Nevada 89701

IN REPLY REFER TO
6840
(N-037)

October 28, 1980

Quad Consultants
1415 18th Street
Great Western Savings Building, Suite 611-615
Bakersfield, CA 93301

Dear Sirs:

In reply to your request for information on threatened and endangered plants dated October 21, 1980, our records show the following four plant species occur within Nevada in the vicinity of the proposed work site:

Lupinus malacophyllus
Penstemon rubicundus
Machaeranthera leucanthemifolia
Rorippa subumbellata

Enclosed are Xerox copies of pertinent information concerning these plants. The source of our information is the 1979 "Field Search for Rare Plants in the Reno E.S. Area" conducted by Rangeland Resources International, Inc. of Mancos, Colorado.

A telephone conversation with Rick York of the California Native Plant Society reveals that eleven rare plants occur in Alpine County, California. A list of these plants and their status is forthcoming.

If we can be of further assistance to you on this matter, feel free to contact this office.

Sincerely yours,

Rudy W. Reimold

Rudolph W. Reimold
Area Manager
Walker Resource Area

Enclosures (4):
Threatened and endangered plants

March 3, 1849

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
District Office
1050 E. William St., Suite 335
Carson City, Nevada 89701

IN REPLY REFER TO
8300
Indian Creek
(N-033)

March 24, 1981

Andy Hauge
Quad Consultants
1415 18th St., Ste. 611
Bakersfield, CA. 93301

MAR 27 REC'D

Dear Mr. Hauge:

The Carson District is not presently involved in the Burton-Santini program for land acquisition at Lake Tahoe. Your questions concerning this program have been referred to our Nevada State Office. They will reply to you directly.

The proposal to construct a new sewage storage reservoir in Alpine County, California does involve the Carson District. The new reservoir would be partially located on public land and will require a right-of-way permit. Also, a new cooperative agreement will have to be negotiated with the South Tahoe Public Utility District for continued recreation use of the present Indian Creek storage reservoir.

We anticipate a formal review of the right-of-way application and cooperative agreements by mid 1982.

Sincerely yours,

Thomas J. Owen
District Manager

MAR 30 REC'D

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Nevada State Office
300 Booth Street
P.O. Box 12000
Reno, Nevada 89520

IN REPLY REFER TO
2700
N-921.5

MAR 27 1981

Anders Hauge
Quad Consultants
1415 18th Street, Suite 611
Bakersfield, CA 93301

Dear Mr. Hauge:

In response to your telephone conversations with staff members of this office regarding the status of the actions required of the Bureau of Land Management (BLM) by P.L. 96-586, and the estimate of work-months needed by BLM to accomplish the objectives of the Act, enclosed are copies of two letters that provide the best information available to date. The letter dated March 19, 1981 explains the current status of the land sale program. The letter of July 21, 1980 to U.S. Representative James Santini provides manpower and cost estimates for the program. For your information, a fulltime position equates to ten work months per year.

Sincerely,

for Edward F. Spang
State Director, Nevada

2 Enclosures
  Encl. 1 - Letter dated 3/19/81
  Encl. 2 - Letter dated 7/21/80

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Nevada State Office
300 Booth Street
P.O. Box 12000
Reno, Nevada 89520

IN REPLY REFER TO
2700
(N-932)

MAR 19 1981

Donald L. "Pat" Shalmy
Clark Co. Dept. of Comprehensive Planning
Las Vegas, NV 89101

Harold P. Foster
Dept. of Community Planning & Development
Las Vegas, NV 89101

John L. Murchie
Asst. City Engineer
North Las Vegas, NV 89030

Gentlemen:

Thanks again for another productive meeting in our joint effort to develop a sale offering in accordance with P. L. 96-586.

For the record and to clarify on progress made at our March 16 meeting, the following points were agreed to:

1) All parties agree that Section 203 of FLPMA and regulations issued pursuant to that Section (Sale of Public Lands, 43 CFR 2710) are adequate and acceptable, and should be used to satisfy the requirement of Section 2(a) of the Santini-Burton legislation (P. L. 96-586), i.e., joint development of regulations to expeditiously carry out provisions of the Act. BLM will prepare a notice for the Federal Register that will publicly announce this position.

   Further, it is agreed that no supplemental or "add-on" provisions to the regulations are needed at this time. If such become necessary, all parties agree to pursue needed clarification through a memorandum of understanding;

2) By March 31, each local entity will submit to the BLM District Manager, Las Vegas, a nomination of parcels to be offered, by legal description, in priority order and with each parcel, attempt to affix an estimated value. BLM will then develop the 1981 sale offering. Parcels will be identified by size (acres) and configuration that the responsible jurisdiction deems the most suitable for offer;

3) Also by March 31, and before if possible, each local entity will review five existing communication site easements on four high value sites totalling 46.46 acres, and notify the BLM District Manager, Las Vegas, of their feelings on our proposal to negotiate a direct sale to the grantees (legal descriptions were provided);

4) Each local entity will review existing and proposed R&PP and other land-use applications in the sale area by March 31 and prior to submission of sale parcel nominations. Opposition to BLM's proceeding on any existing application or proposal will be documented and discussed for possible inclusion in sale offerings;

5) All parties agree that if residual parcels to the 1981 sale exist, those residual parcels will continue to be offered once a month thereafter. However, the 1982 and subsequent sales would be comprised of up to 700 acres of new offerings; and

6) All parties also agreed that the three (3) current exchanges (Transamerica 2 and 3 and Durkee) are viable and BLM and USFS should proceed. Further, that subsequent exchange proposals involving project area lands will be considered on a case-by-case basis.

Sincerely yours,

Edward F. Spang
State Director, Nevada

cc:
WO (310)
Jac Shaw, Div. of State
  Lands, Carson City, NV
Congressman Santini's Offices -
  Las Vegas and Washington
Toiyabe National Forest, Reno, NV
N-050

1541.3
(N-912)

JUL 21 1980

Honorable Jim Santini
House of Representatives
Washington, D.C. 20515

Dear Jim:

As requested we are responding to follow-up questions on the hearing held recently in Reno on H.R. 7306 involving disposal of certain Federal lands in Nevada and for the acquisition of certain other lands in the Lake Tahoe Basin.

Question #1

Mr. Spang, have you researched the ramifications of this bill insofar as your capacity to administer it is concerned in terms of money and manpower? How do you finance existing checkerboard land sales under FLPMA, for example in Clark County? What was the administrative cost of the approximate 600 acres sold in the past three years in Clark County?

Answer(s)

Yes, we have assessed the impact of the bill on our capability to follow through. Given the fact that we have an ongoing and annual commitment to similar efforts in our lands and realty program, for example, processing land disposal actions to meet community needs for additional housing, working with the U.S. Forest Service, other various governmental agencies and individuals on land exchanges determined to be in the public interest, and responding needs for other public purposes, we would require additional money and manpower. Were these additional resources net made available, I am convinced that in order to move forward to accomplish the sales provided for in H.R. 7306, a significant amount of the aforementioned work would be delayed -- especially in our Carson City and Las Vegas Districts.

We have determined that 14 new positions and $359,000 would be required to implement the provisions of H.R. 7306 which entails such tasks as environmental assessments, mineral examinations and mining claim validity determinations, cultural resource surveys, appraisals, cadastral survey support, and adjudicative functions.

Financing existing checkerboard land sales under FLPMA is, as I pointed out, one of the annual and continuing programs we attempt to maintain to be responsive to public needs. As an integral part of our lands and realty program, and as idettified through land use planning with various publics, we schedule such work each year in our work plan. Funding for this effort comes through the annual allocation of appropriated congressional funds and as approved by our Director.

Our best estimate of the administrative costs of selling some 600 acres in Clark County over the past 3 years is $100,000. We had about 65 months of effort involved with the program.

Question #2

How are you currently managing the lands proposed for sales pursuant to this bill? Do you object to their sale or does it fit in with regular BLM plans for disposal?

Answer

Because many of these lands are located close to urban areas, BLM management practices are nominal. For the most part, the lands lie fallow, and our management is limited to surface protection from fire, squatters, trespass and other unauthorized use. Sale would fit in with regular BLM plans for disposal.

Question #3

How long will the maps currently attached to the bill for land sales accurately reflect your public land disposal plans?

Answer

As you are aware, identification of lands for disposal in urban areas is a difficult matter. Planning commissions and elected officials may not agree on what lands should be held as open space, and what lands should be developed. Since receipt of your letter with the three questions, I have received further correspondence from your office requesting reconsideraiton of the maps. Once the involved bodies have agreed on the lands for disposal, the BLM would continue to plan for disposal of that land for the indefinite future.

I hope this information will respond to your questions in a satisfactory manner. Should you require any further information, please feel free to contact my office.

Sincerely,

Sgd. Edward F. Spang

Edward F. Spang
State Director, Nevada

cc: Las Vegas Office
Reno Office
Director (150)
Director (320)
Congressional File
State Director, NV ✓

26. United States Environmental Protection Agency (EPA)

OCT 10 RECD

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
215 Fremont Street
San Francisco, Ca. 94105

OCT 07 1980

Mr. Andy Hauge
Suite 611-615
1415 Eighteenth Street
Bakersfield, CA 93301

Dear Mr. Hauge:

In response to our phone conversation of September 26, 1980, I am forwarding information on various issues that relate to the mitigation package being prepared for South Tahoe Public Utility District.

First, I would like to clarify the purpose of the mitigation measures in the EIS. These measures are suggested ways to eliminate or minimize the adverse effects of treatment plant expansion. The District is free to use the suggestions in the EIS or construct their own. The District is required to obtain commitments, as defined below, to mitigate the adverse growth-related impacts of plant expansion. The Mitigation Task Force is doing this within the restrictions of the Federal Executive Order, California's 208 Plan, the Nonattainment Plan and the Bi-State Compact.

Before a grant can be offered, STPUD should insure for each mitigation measure to be implemented that the proposed implementing party has the legal, financial and institutional authority to implement the measure. STPUD should also receive an implementation statement from each implementing party. This statement should commit personnel and financial resources to the implementation responsibilities. The implementation statement should provide a schedule with appropriate milestones prior to award of Step 3 grant.

As mentioned above, the Executive Order, California's 208 Plan, and the Nonattainment Plan will all help shape the mitigation package in the following ways:

Executive Order

Section 1-302 of the draft Order does not allow Federal actions to stimulate additional development in environmentally sensitive areas of the Basin or promote additional automobile traffic into the Basin unless the proposed actions are mitigated. The Task Force is addressing this Section in examining ways to protect stream environment zones and high erosion hazard lands and will address means to reduce traffic volume. The EIS, the JHK Study, and the NAP all contain measures which could reduce traffic volume to satisfy the Executive Order.

California's 208 Plan

The 208 regulations require that Facility Plans be consistent with 208 Plans. Therefore, the capacity recommended in the Facility Plan should reflect the restrictions of the 208 Plan. The Task Force is mindful of 208 Plan restrictions on development in stream environment zones and high erosion hazard lands in developing their mitigation program.

Non-Attainment Plan

The Non-Attainment Plans for Nevada and California have been proposed for conditional approval by EPA. Among other things, full approval is contingent upon local government commitment to meet milestones to implement the Plan. Unless the EPA proposed rule-making is changed, EPA has authority under Section 316 of the Clean Air Act to withhold grants for sewage treatment plant construction.

Bi-State Compact

The revised Compact restricts STPUD to 252 residential units for each of the calendar years 1980, 1981 and 1982. Environmental thresholds are expected to be established by 1983 which will govern how many, if any, additional building permits can be issued. The interim restriction of 252 residential units should be reflected in the District's capacity request.

I hope this letter addresses your concerns and I look forward to meeting with you on October 16.

Sincerely yours,

Janet S. Rosati
Project Officer

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
215 Fremont Street
San Francisco, Ca. 94105

4 FEB 1981

Mr. Anders J. Hauge
Senior Planner
Quad Consultants
Great Western Savings Building
1415 18th Street, Suite 611-615
Bakersfield, CA 93301

Dear Mr. Hauge:

This letter is to provide information on the Environmental Protection Agency's role in water quality monitoring at Lake Tahoe. This information is to assist South Tahoe Public Utility in preparing a mitigation package for their proposed sewage treatment plant modification.

Section 106 of the Federal Water Pollution Control Act authorizes the appropriation of funds each year to assist States in administering pollution control programs. One such program is EPA's Basic Water Monitoring Program (BWMP). The Nevada Department of Environmental Protection maintains a Basic Water Monitoring Program (BWMP) core station on Lake Tahoe at Sand Harbor. The station is monitored on a seasonal basis for pH, temperature, dissolved oxygen, conductivity, fecal coliform, total phosphorus, total kjeldahl nitrogen, nitrate and nitrite, total suspended solids and secci disk. In addition, an annual tissue sample is analyzed for trace organics and metals.

Another program funded through 106 funds is the Toxic Monitoring Program. Since FY-79, EPA has been actively involved in a monitoring program to determine ambient toxic levels at various locations throughout the Region. The approach has been to collect water, sediment and tissue samples on a one time basis at each selected location and to analyze each sample for 129 priority pollutants.

During FY-80, three samples, one water, one sediment and one tissue, were collected from Lake Tahoe near Sand Harbor. Although not yet available, the data will ultimately be stored in STORET.

During FY-81 the planned collection will consist of three samples, one water, one sediment and one tissue to be collected at each of two locations: Lake Tahoe at First Creek and Lake Tahoe at Elk Point. All samples will be collected by the Nevada Department of Environmental Protection with lab analysis and STORET data entry by EPA Las Vegas.

EPA also participates in an Interagency Water Quality Monitoring Program for the Lake Tahoe Basin. The purpose of this interagency group is to "acquire and disseminate, in a coordinated, cost-effective manner, water quality information needed to support regulatory, management, planning and research activities in the Lake Tahoe Basin." Funding from EPA's Clean Lakes Grant for Lake Tahoe will be used to supplement other State and Federal funding sources to expand the existing Lake Tahoe Interagency Water Quality Monitoring Program to include near shore (littoral zone) periphyton and water quality monitoring. In addition, water quality monitoring of individual Clean Lakes grant projects will be conducted to determine the effectiveness of those projects.

For FY-81, EPA has awarded the State of California $946,934 in Clean Lakes grant funds. Of this total, $65,000 is budgeted to support the efforts of the Interagency Monitoring Program. Requests for future Clean Lakes funds is contingent on the availability of such funds.

Lastly, EPA will require that water quality monitoring be an element of the 208 water quality management plan for the Basin. EPA has reserved $200,000 in FY-81 208 funding for the Tahoe Basin. A limited portion of these funds will be used to determine the effectiveness of urban runoff control measures in protecting water qualilty.

We hope this letter has been helpful in addressing EPA's responsibilities in the mitigation program. We look forward to continue working with the mitigation Task Force in their efforts to establish a sound mitigation program for South Tahoe Public Utility District.

Sincerely yours,

Janet S. Rosati

for B. David Clark
Tahoe Projects Coordinator
Water Division

27. United States Department of Agriculture - Forest Service (USFS)

RECEIVED
JAN 22 1981
S.T.P.U.D.

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Lake Tahoe Basin Management Unit
P.O. Box 8465
South Lake Tahoe, California 95731

1560

January 20, 1981

Lorrene Kashuba
Chairperson
South Tahoe PUD Mitigation Task Force
P.O. Box AU
South Lake Tahoe, California 95705

Dear Mrs. Kashuba:

We have received the Mitigation Task Force report with the cover letter dated November 25, 1980.

Specific items of the report refer to continuing or proposed actions of the Forest Service. It is appropriate that we describe our commitment to those items.

The maintenance of high water quality is the focal element of Forest Service land management within the Lake Tahoe Basin. We have been active in the past and will continue to be diligent in addressing water quality problems within our funding and manpower constraints on National Forest lands.

We assume the responsibility for implementing measures 1,2,3,4,6,7 and 8.

Item 9 relates to golf course expansion. The Forest Service has no controls over golf courses. We have not acquired any within the Basin but would probably not allow expansion if one were required through land purchase.

We assume responsibility for measures 13, 14 and 15.

Item 16 speaks to restrictions on campground expansion. The adopted Land Management Plan for the Lake Tahoe Basin Management Unit stresses that the general public should be free to utilize its fair-share of the Basins' capacity. The plan proposes development of additional campgrounds but only when they are environmentally compatible. Executive Order 12247 further requires that such projects fit within environmental constraints.

We assume responsibility for measures 17,20,21,22 and 33.

Item 65. The Forest Service has adopted a visual quality program and it is applied to National Forest lands.

Item 70 is a continuing function of the Forest Service.

Item 71 speaks to adding more buses. The Forest Service provided $18,000 last year to help support bus service from Stateline to the Forest Service beaches. We are working with the City of South Lake Tahoe on a contract for continuing service for the summer of 1981.

Item 74 has been a continuing function of the Forest Service within the Basin. Under the Burton-Santini Act we expect to intensify this land acquisition function particularly on environmentally sensitive lands.

Item 93 is a continuing function of the Forest Service.

In addition to the designated listing we have also implemented 37,38,39,41,44,45,54(partial,84(partial),85,86(partial),89(partial), 94 and 95(partial).

It has been gratifying to participate with the Mitigation Task Force in recognizing those efforts which should be taken to improve the conditions within the Tahoe Basin. If others actively pursue their commitments, as we intent to do, the goals will be accomplished.

Sincerely,

W a. Morgan

W. A. MORGAN
Forest Supervisor

cc: Andy Hauge

UNITED STATES DEPARTMENT OF AGRICULTURE
FOREST SERVICE
Lake Tahoe Basin Management Unit
P. O. Box 8465
South Lake Tahoe, California 95731

1560

March 30, 1981

Andy Hauge
1415 18th Street Suite 611
Bakersfield, CA 93301

APR 01 REC'D

Dear Andy:

Enclosed is a copy of staff work plan for the Lake Tahoe Basin Management Unit. It shows the special work (nonrecurrent) that we propose to do. Each year we are forced to revise our plans based upon the financial allocations, but in general, it holds pretty close.

We will be making quarterly reports on our accomplishment and will send you, or your designee, a copy of that report so you can keep your records up to date for EPA review.

Sincerely,

GLENN SMITH
Acting Forest Supervisor

Enclosure

6200-11 (1/69)

MITIGATION MEASURES SAVE LAKE TAHOE BASIN MGMT. UNIT
FOREST SERVICE

lement or Administrative Activity
A - Recreation

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
A.1.1	✓ Complete program to provide entrance stations at complexes where access can be controlled	Nevada Beach	June 1980	Recreation				
A.1.2	✓ Continue with pack-out program for dispersed recreation	100%	1981	Recreation				
A.1.3	✓ Manage public sector developed site PAOT/DAYS at full service level during high use season	50% 75% 100%	1981 1981 1985	Recreation Recreation Recreation				
A.1.7.1	Inspect 1/3 of all recreation residences on Unit	200 inspections	10/81	Special Uses				
A.1.7.2	Inspect resorts and adm. to correct all H & S deficiencies	6 inspections	10/81	Special Uses				
A.1.7.3	Inspect all organization camps	4 inspections	10/81	Special Uses				
A.1.7.4	✓ Administer Heavenly Valley to F.S.M. inspection standards with daily snow ranger coverage and summer project inspection	100%	10/81	Special Uses				
A.1.7.5	Re-issue California Alpine Club as a private club Special Use Permit	1 permit	1/81	Special Uses				
A.1.7.6	✓ Complete FUD and re-issue ~~new~~ new term permits for the following recreation residence tracts	6 FUD's and E.A.'s 279 permits	11/80 1/81	Planning Special Uses/ Administrative Officer				

lement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

A - Recreation

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.1.7.6 (con't)	1. Spring Creek (139) 2. Bridge (20) 3. Fish Hatchery (3) 4. Fallen Leaf Lake (44) 5. Lily Lake (10) 6. Lower Angora Lake (12) 7. Rainbow (51)				
A.1.7.7.	Issue 10-year permit extensions amendments for the following tracts: Emerald Bay (22) Echo Road (43) Echo Summit (44) Channel (19) Hemlock (28) Mermaid Cove (18) North Shore (14) South Shore (41)	229 amendments	1/81	Special Uses	
A.1.7.8.	Inspect all cross-country ski O-G permits.	6 permits	5/81	Special Uses	
A.1.12	✓ Prepare Trails Maintenance Plan in accordance with Region 5 Supplement 9 (6/79) to Trails Handbook.	1 plan	1983	Recreation	
A.1.13	Develop program to increase minority, handicapped and disadvantaged person participation in National Forest activities.	1 written plan	1982	Recreation	
A.1.13.1.	Develop/install handicapped campsite				
	a. Fallen Leaf CG.	1 campsite	1981	Recreation	
	b. Meeks Bay CG	1 campsite	1981	Recreation	

Page of 1980

ement or Administrative Activity

A - Recreation

OBJECTIVES FOR FY 81 - 85

* Key Objective

Unit 19 , LTBMU/ Date 9/30/80

OBJECTIVE (What is going to be done)		TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.1.14	✓ Develop silvicultural prescription or vegetation management plans for all developed recreation sites to ensure a healthy, vigorous stand of vegetation for present and future.	20% 40% 60% 80%	1982 1983 1984 1985	Timber, Range, Wildlife	
A.1.14.1.	*Complete silvicultural prescription for Estates.*	*1 prescription*	*1981*	*Timber/LA*	
A.1.16.	✓ Develop and implement ORV informational and enforcement programs as provided in Forest ORV Plans.	1 program Revise ORV map	1981	Recreation	
A.1.16.1.	✓ Revise Off-Road-Vehicle Map	Revised Map	1981	"	
A.16.2.	✓ Incorporate acquired NF lands into Unit ORV program	Updated ORV Plar	1981	"	
A.1.17.1.	Continue Avalanche forecast program in conjunction with Heavenly Valley and Truckee R.D.	1 program	5/81	Special Uses	
A.1.18	Meeks Bay Resort ✓ Review proposed revision of development plans and work with permittee to revise as necessary so it can be approved	1 plan	4/81	Special Uses with L.A. assistance.	
	Administer development according to prospectus			Special Uses with Facility Manager assistance.	

Element or Administrative Activity
A - Recreation

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

* Key Objective

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.1.19	Zephyr Cove Resort Administer completion of actions required in second year of permit	As stated	10/81	Special Uses	
✓	Prepare landscape plan with permittee per TRPA and permit requirements.	1 plan	5/81	Special Uses with L.A. assistance.	
	Conduct Future Use Determination for long term use of site	1 FUD	12/82	Planning	
	Prepare development plan based on FUD.	1 plan	12/83	Recreation	
	Issue prospectus	1 prospectus	3/84	Special Uses	
A.1.20.	Camp Richardson Complete FUD	1 FUD & EA	2/81	Planning with Special Uses Officer assistance	
	Prepare conceptual site plan	1 plan	12/81	Recreation with planning & Special Uses Officer assistance	
	Prepare prospectus if FUD determines continuation of resort	1 prospectus	6/82	Special Uses	
	Award Special Use Permit to become effective 1-1-83.	1 permit	8/82	Special Uses and I.D. Team	
A.1.21	Administer Camp Richardson Restaurant/ Lodge construction contract	1 contract	5/81	Special Uses	

ement or Administrative Activity

A - Recreation

OBJECTIVES FOR FY 81 - 85

, Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.1.22.	Heavenly Valley				
	✓ Administer Canyon Lift construction	1 project	11/80	Special Uses	
	✓ If approved, administer Wagontrain Lift construction	1 project	10/81	Special Uses	
	Review Heavenly Valley Master Plan when submitted by permittee	1 plan	1982	Special Uses	
A.1.23	✓ Berkeley Camp Review Development Plan and work with permittee to implement when approved	1 plan	6/81	Special Uses	
A.1.24	✓ Camp Harvey West Work with permittee to complete an approvable Development Plan	1 plan	7/81	Special Uses	
A.1.25	✓ Administer Fallen Leaf Lake permittee sewer project	1 project	8/81	Special Uses	
A.1.26	Establish Forest Service identity signing at the following sites:				
	Heavenly Valley	3 signs	2/81	Special Uses	
	Berkeley Camp	1 sign	9/81	Special Uses	
A.1.27.	✓ Further rehabilitate Spooner Rest Area facility.	Improve facilities	1981	Recreation	
A.1.28.	✓ Prepare plan for use of 64 acre parcel at Tahoe City	Short term plan	one year after acquisition	Planning	

Element or Administrative Activity
A - Recreation

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

*Key Objective

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.1.29	Evaluate Eagle Falls-Bayview area for managment program revision	Evaluation and implementation	June 1981	Recreation	
A.1.30. ✓	Complete Master Plan for bike trail in Fallen Leaf area.	Master Plan	1981	Recreation	
A.1.31. ✓	Continue work with SLT on Beach Bus Program	Beach Bus Service	Summer 1981	Recreation	
A.1.32. ✓	Identify and bring to standard trail from Bayview to Cascade	Constructed trail	1981	Recreation	
A.1.33.	Complete Phase II for Logan Vista				
	a. Encroachment permits	Permit obtained	1981	Recreation	
	b. Complete site plan	1 plan	1981	Recreation	
	c. Walkways, benches, etc.	1 project	1981	Recreation	
	d. Approach signs				
A.1.34	Continue with security patrol in Estates, evaluate '80 and adjust as needed.	Security Patrol	1981	Recreation	
A.1.35	Develop Green Sticker Program , pursue funding for objectives	1 program	1981	Recreation	
A.1.36.	*Complete Fallen Leaf Planning Program*				
	a. complete public involvement phase	*phase completed*	*1981*	*Recreation*	
	b. complete initial design	*design completed*	*1981*	*Recreation*	
	c. complete E.A.	*E.A.*	*1981*	*Recreation*	
A.1.37 ✓	Complete Tallac Trailhead with YACC	Trailhead complete	1981	Recreation	

Element or Administrative Activity
A - Recreation

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
A.1.38	Evaluate Tickertron program as carried on in the Lake Tahoe Basin	Program evaluation	1981	Recreation Officer				
A.1.39	Evaluate fees on developed recreation sites	1 evaluation	12/80	Recreation Officer				
A.1.41 ✓	Conduct final inspection and critique of Nevada Beach Rehab. project	1 report	1/81	Recreation Officer				
A.1.42. ✓	Complete and implement Dispersed Land Management Plan	1 plan 1 program	1981	Recreation Officer				
A.1.43 ✓	Describe each site or activity that not meet the visual quality objectives stated in the Interim LMP. Included possible corrective action and estimated costs.	100%	9/81	Recreation Officer				
A.3.1.1	Establish an agreement with some institution, educational or otherwise, for curation of artifacts from National Forest lands.	1 agreement per	1983	Recreation Officer				
A.3.2.	Evaluate outstanding cultural and historical sites to determine if preservation, restoration and interpretation are needed.	5 sites	1982	Recreation Officer				
A.3.2.1	Conduct archeological recon. of Estates and Hotel Tallac sites.	Recon	1981	Recreation Officer				

Element or Administrative Activity
A - Recreation

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.3.2.2	Evaluate Old Ranger Station on Upper Truckee for nomination to the National Historical Register. Depending on findings, renovate	Evaluation & Renovation if required	1981	Recreation	
A.3.2.3.	Meiss Cabin	1 evaluation 1 renovation	6/81 9/81	Recreation	
A.3.2.4.	Skunk Harbor - Glen Alpine	1 evaluation	1982	Recreation	
A.3.3.	Nominate significant cultural resource properties to the National Register of Historic Places.	5% of eligible	1983	Recreation	
A.3.4.	Initiate Historical Overview history program with long-standing residents of the Tahoe Basin and surrounding areas.	Program	1981	Archeologist	
A.3.5.	Locate funding for overview on the archeology, history, ethnography and contemporary concerns in the Tahoe Basin.	Funding Developed	1981	Archologist	
A.4.1.1	"Develop a program to accomplish the goal of informing forest users" - Update the IS plan yearly to reflect changes in program emphasis.	1 plan update	1981-85 (January)	IS PIO	
A.4.4	Carry through with FY 80 study of Spooner entry station	1 site plan	1981	PIO/LA	
A.4.5.	Complete design of self-service info stations and begin implementation as per FY 80 plan	1 design 3 sites 3 site each year	1981 1981 1982-85	PIO/LA	

Page of 39

ement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

* Key Objective

Unit 19 LTBMU

Date 9/30/80

A - Recreation

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
A.4.6.1	*Complete Interpretative Plan for the Estates*	*1 plan*	*1981*	*PIO/LA*				
A.4.6.2	✓ Complete maintenance and operations plan and add to Rec. Maint. plan for Estates	1 plan	1981	PIO/Maint.				
A.4.6.4.	Complete utilities development plan for Estates	1 plan	1981	Maint./LA				
A.4.6.5.	Complete site plan detail drawings for Estates ✓ a. Arboretum b. Museum ground c. Pier	drawings	198.	LA				
A.4.7.	✓ Complete site plan for Grass Lake interpretive site. Install barriers Implement plan	1 site plan barriers installed construction	1981 1981 1982	LA Recreation PIO				
A.4.8.	Complete Resource Management Demo. areas	1 each year	1981-85	PIO with TRW and Watershed				
A.4.9	✓ Redesign Stateline Lookout nature trail and reconstruct trail	site plan construction	1981 1982	PIO/LA PIO				
A.10.	✓ Implement VIS center site plan	construct 20% each year	1981-85	PIO				
A.11.	✓ Design and print new hiking and woodcutting brochures	2 brochures	1981	PIO				

ement or Administrative Activity

OBJECTIVES FOR FY 81 - 85
* Key Objective

Unit 19 LTBMU Date 9/30/80

A - Recreation

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
A.4.12	Investigate feasibility of establishing Natural History Association to benefit intrepertive program	1 study	1981	PIO	
A.4.13	Complete two new slide shows				
	1. Lake Tahoe Story	1 show	1981	PIO	
	2. History of Lake Tahoe	1 show	1981	PIO	
A.4.14	Develop criteria, evaluation and action plan for remodeling deficiencies in bulletin board, information signs, and displays in all developed recreation sites.	1 action plan	1981	PIO/LA	
A.4.15	Have the administrative history of the Unit and the Basin as written by Andy Schmidt completed and printed	printed history	3/81	Recreation	
A.4.16	Develop a slide tape program and a written report on the history of the Forest Service.	slide tape program	1981	Recreation	
A.5.2.	Improve Pacific Crest Trail				
✓	a. Bring to standard existing trail that does not meet PCT standards.	100%	1985	Recreation	
	b. Sign all constructed portions of PCT to standard	100%	1982	Recreation	
A.5.2.1.	*Complete 2 miles of PCT in Benwood Meadow with YACC*				
✓	*a. Design and locate*	*1 design*	*1981*	*Recreation*	
	b. Complete EA	*EA*	*1981*	*Recreation*	
	c. Construct	*Construction*	*1981*	*Recreation*	

cment or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Page .. of 39
Date 9/30/80

B - Wilderness - Facilities

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
B.1.5 ✓	Manage Units of the National Wilderness Preservation System at the full service level	80% 100%	1981 1983	Recreation Recreation				
B.2.1. ✓	Reanalyze the trail use objectives for the Fallen Leaf, Bayview, Eagle Falls area and select logical horse and foot trail route. Revise Wilderness Management Plan as necessary	Revised plan	June 1981	Recreation				
B.3.1. ✓	Develop plan for Bayview that reflects an analysis regarding use of horses	1 plan	9/81	Recreation				
B.3.2. ✓	Develop trailhead plan for Meeks Bay	1 plan	1982	Recreation				
B.3.3 ✓	Identify two areas where "physical" carry capacity has been exceeded and take appropriate action to protect the wilderness resource	2 areas	1981	Recreation				

Page of 39

ement or Administrative Activity

C - Wildlife

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
C.1.1	✓ Winter Bald Eagle Mgmt. monitor population and activities throughout Basin; install signs in eagle mgmt. area; monitor effectiveness of plan	1 report (380 acres)	4/81	TRW				
C.1.2	✓ Bald Eagle Nesting Mgmt. Plan inventory historical and current nesting activities and available habitat; develop mgmt. plan for habitat preservation over time	1 plan	7/81	TRW				
C.1.3	✓ Peregrine Falcon Habitat Mgmt. Plan develop mgmt. plan for protection of falcon habitat based on findings from FY 80 survey	1 plan	8/81	TRW				
C.1.4.	✓ Sensitive Plant Mgmt. Plan Develop seven plans for 7 species based on FY 78-79 & 80 studies	7 plans	3/81	TRW				
C.1.5	Rorippa subumbellata Management Implement FY 80 Mgmt. Plan	3 areas 1 plan	9/81	TRW				
C.3.1.1.	✓ Implement WHR package developed in FY 80 [illegible]	As stated	as needed	TRW				
C.3.1.3.	✓ Implement Unit snag policy on all projects; create snags to meet minimum requirements on 200 acres.	200 ac.	4/81	TRW				

Page of 39

ement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

C - Wildlife

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
C.3.1.4. ✓	Evaluate impact of grazing use on fisheries and wildlife in Trout Creek Allotment	1 evaluation	10/81	TRW				
C.4.5	Participate with California Department of Fish and Game in development of their deer management plans	1 plan/herd	1982	TRW				
C.4.9.	Prepare fish habitat management plans jointly with California Department of Fish and Game for all officially designated Wild Trout streams, within 2 years after official designation.	100%	1985	TRW				
C.4.10 ✓	Delineate beaver mgmt. zones; analyze and take required action in 2 key areas	2 projects	9/81	TRW				
C.4.11. ✓	Apply meadow evaluation form from Eldorado N.F. to LTBMU; evaluate 10 meadows; develop improvement projects where needed.	10 meadows (50 acres)	9/81	TRW				
C.4.12. ✓	Create 20 nest cavities in areas unable to meet minimum snag requirements by use of chain saw/face plate technique.	20 cavities (10 acres)	6/81	TRW				
C.4.13. ✓	Inventory (based on R5 guidelines) 50% of riparian habitat in LTBMU	50%	8/81	TRW				

ment or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit , 19 LTBMU Date 9/30/80

C - Wildlife

OBJECTIVE (What is going to be done)		TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
C.4.14	Compile available data (CDFG) and schedule Lake survey where necessary	100%	9/81	TRW	
C.4.15 ✓	Improve 5 acres of streams for fisheries habitat; based on FY'78, '79, and '80 stream surveys	5 acres	9/81	TRW	
C.4.16. ✓	Conduct and obtain approval of 2 E.A.'s for wildlife and fish habitat improvement/restoration projects	2 E.A.'s (approved)	7/81	TRW	
C.4.17. ✓	Carry out a feasibility study of Blackwood Creek dam proposals	report	9/81	Watershed with Wildlife Biologist	
C.4.18	Gather wildlife data for:				
	a. Desolation Wilderness	report	9/82	TRW	
	b. Prepare wildlife management element for Desolation Plan	1 plan	9/83	TRW	

Element or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

D - Range

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
D.3.1	Identify existing populations of noxious weeds in the Basin	1 report	1981	TRW				
D.4.1.1	Expand AUM production as displayed in annual budget letter	To be determined	1981-84	TRW				
D.4.1.2.	Perform Range Analysis on Miller Lake Allotment	1 analysis	1981	TRW				
D.4.1.3. ✓	Develop Allotment Mgt. Plan for Miller Lake Allotment	1AMP	1982	TRW				
D.4.1.4. ✓	Make joint decisions with Tahoe N.F. on Carter Sheep allotment (portion in Basin)	1 decision	4/81	TRW (Tahoe is lead)				
D.4.1.5. ✓	Pending D.3 above work with Tahoe N.F. on Allotment Mgt. Plan	1 Mgt. Plan	6/81	TRW (Tahoe is lead)				
D.1.1.6 ✓	Analyze range potential of Baldwin and Frederick's Pastures	2 analyses	9/81	TRW				
D.4.1.7.	Install cattle guard for Trout Creek Allotment	1 cattle guard installed	6/81	TRW/Facilities Mgr.				
D.12.1.1 ✓	Implement minimum standards for grazing permit administration	100%	1983	TRW				
D.12.3 ✓	Analyze desireability of issuing pasture permits for Baldwin and Frederick's Pastures and issue permits if desireable.	1 analysis	6/82	TRW				

lement or Administrative Activity

E - Timber

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	* Key Objective TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
E.1.2.1 ✓	Develop and approve environmental assessment 3 years in advance of sell date and before any on-the-ground layout	% of program 100% 50% 25%	FY 1981 1year ahead 2 years ahead 3 years ahead	TRW	
		100% 75% 50%	FY1982 1 year ahead 2 years ahead 3 years ahead		
		100% 100% 75%	FY1983 1 year ahead 2 years ahead 3 years ahead		
		100% 100% 100%	FY1984 1 Year ahead 2 years ahead 3 years ahead		
E.1.2.2 ✓	Provide approximately 6000 cords of fuelwood	6000 cords	FY1981	TRW	
E.2.1	Perfect method for cruising firewood sales	1 written method	9.81	TRW	
E.2.2	Complete cordwood appraisals (by species) to establish minimum prices	3 appraisals	6/81	TRW	
E.2.3	Refine cordwood prospectus	cordwood prospectus	9/81	TRW	
E.2.4	Develop local volume tables on sawlog salvage sales towards developing a LTBMU local volume table.	1 each per sale	1981	TRW	

Element or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

E. - Timber

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
E.4.1 ✓	Prepare and sell approximately 1.0 MBF of sawlog salvage	1MMBF	FY 1981	TRW	
E.5.1	Develop LTBMU FSM Supplemnt re specialty products. poles/cones., etc.	1 supplement	9/81	TRW	
E.6.3.1 ✓	Thin 200 acres via woodcutting permits	200 acres thinned	9/81	TRW	
E.6.10 ✓	Work with states of California and Nevada to develop memos of understanding regarding salting practices	2 memos of understanding	9/81	TRW	
E.10.1	Asst. Small Sales Officer will be certified Harvest Inspector by 9/81	Certified S.I.	9/81	TRW	
E.10.3	Small Sales Officer will be certified silviculturist by 12/81	Certified Silviculturist	12/80	TRW	
E.10.4	Hold timber marking workshop	1 workshop	7/81	TRW	
E.17.1.1 ✓	In addition to reforestration and TSI needs, evaluate through "The Timber Sale Planning Process", all sale areas for watershed, fuel reduction, wildlife, etc. Needs which could be protected or improved by collection or expenditure of KV funds. Implement where need is greatest and expenditures most beneficial by documentation in E.A.	As stated	1981	TRW	

:lement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

F - Water.

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
F.1.3.1	✓ Conduct water quality monitoring program Blackwood Canyon Restoration Project, Heavenly Valley Ski Area, Meeks Creek, Marlette Creek, Big Meadow Creek, Meyers Landfill, Round Lake and Meiss Lake	25 water quality stations	1981	Watershed	
F.1.3.2	✓ Issue report on findings of FY 80 monitoring program.	1 report	1981	Watershed	
F.1.3.3	✓ Develop average restoration costs associated with timber sales to develop KV funding needs	1 report	3/81	Watershed	
F.1.4.1	✓ Refine existing watershed restoration inventory and update to include lands acquired as a part of the land acquisition program	1 intensive survey with report	1981	Watershed	
F.1.5.1.	✓ Develop watershed restoration plans to correct the problems identified in the water quality problem inventory.	1 plan per year	1980-85	Watershed	
F.1.6.1	✓ Provide maintenance on water related watershed restoration projects	100 acres	1981	Watershed	
F.16.3	✓ Design gully stabilization project in Meiss Meadow	100%	7/81	Watershed	
F.16.4	✓ Clear a total of three (3) miles of debris from Meeks, Ward, Big Meadow, and Grass Creeks and Upper Truckee River.	100%	1981	Watershed	

ment or Administrative Activity
Water

OBJECTIVES FOR FY 81 - 85

*Key Objective

Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
1.6.6	✓ *Restore casino site*	*100%*	*1981*	*Watershed*				
1.7	✓ Prepare a final project report on the Meyers landfill, Leachate and erosion control project	1 report	1981	Watershed				
1.8	✓ Prepare a final report on stream environment zones, on National Forest lands	1 report	1981	Watershed				
2.3 IV-27v	✓ Complete the filings for existing consumptive water uses affected by the 1978 Supreme Court decision. Accomplished through revision and updating of Water Rights Inventory and includes the following filings be made with the State:							
2.3.1	a) Notification of existing use under the Reservation Principle	As stated	1981	Watershed				
2.3.2	b) Statements of Diversion and Use for riparian and pre-1914 appropirations	As stated	1981	Watershed				
2.3.3	c) Notices of Ground Water Extraction	As stated	1981	Watershed				
2.3.4	d) Applications for Appropriative Rights	As stated	1981	Watershed				
2.3.5	e) Claim for Stockpond Rights	As stated	1981	Watershed				
2.3.6	Update the Water Uses Inventory and complete distribution of Fiberboard Water Right.	As stated	1985	Watershed				
2.3.7	✓ Inventory and prioritize drainages in the Basin for minimum stream flow need and studies	1 list	1981	Watershed				
2.4	✓ Determine minimum stream flow needs for Taylor Creek.	1 report	1981	Watershed				

lement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

G - Minerals

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
G.2.4	✓ Maintain inventory of all mining claims and field inspect claims. Prevent new unauthorized mining claim occupancies	20 claims inspected. No unauthorized occuapncies.	1981	REalty				

Unit 19 LTBMU

Date 9/30/80

Element or Administrative Activity

H - Human and Community Development

OBJECTIVES FOR FY 81 - 85

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
H.2.1	Conduct a summer YCC program for eight weeks	36 slots	1981	PIO	
H.2.2	Develop a LTBMU HRP (Human Resources Program) plan which will include: ✓ a. inventory of unfinanced resource work which can be accomplished through HRP's. b. inventory of HRP resources available for Forest Service use in the Basin	1 plan	yearly	PIO & AO	
H.2.3	Conduct a year-round YACC program	20 slots	1981	PIO	
H.2.4	Complete a feasibility study on alternative YCC camp locations	1 study	1981	PIO	

lement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

J - Lands

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
J.1.5	✓ Prepare an inventory of lands needed for conservation of fish, wildlife and plants per Sec. 5 of the amended Endangered Species Act.	1 inventory	1981	TRW				
J.3.1.1	✓ Develop 5-year program for acquisition of roads and trails R.O.W	1 plan	12/81	Realty Officer				
J.3.3	✓ Based on outcome of investigation on access to Slaughterhouse Canyon, obtain easement.	1 R/W	7/81	Realty Officer				
J.5.6.1.	✓ Revise and reissue transmission and R/W Special Use Permits as required by Title 5 of FIPMA	6 permits balance	10/81 1982	Special Uses / Business Management				
J.5.7.	✓ Complete EA and issue Special Use Permit if appropriate on proposed Cal-Trans Hwy. 89 reconstruction. If permitted Adm. project.	1 EA 1 permit	6/81 6/81 10/81	Special Uses				
J.5.8	Reissue Special Use Permit to North Tahoe PUD - expires 12-31-80	1 permit	12/80	Special Uses				
J.5.9	Reissue Special Use Permit to South Tahoe PUD - expires 12-31-80	1 permit	12/80	Special Uses				
J.5.10	Sierra Pacific Co. Kings Beach/Truckee 120/60 KV transmission line rebuild							
	If approved by Tahoe Federal Coordinating Council issue Special Use Permit	1 permit		Special Uses				
	Administer project	1 project	11/80	Special Uses				

Element or Administrative Activity
J - Lands

OBJECTIVES FOR FY 81 - 85

Unit
19 LTBMU

Date
9/30/80

* Key Objective

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
J.5.11	✓ Complete E.A. on proposed Zephyr Cove Water Co. storage tank at Zephyr Cove Lookout.	1 E.A.	12/80	Special Uses with FMO				
	If appropriate issue Special Use Permit	1 permit	1981	Special Uses				
	Administer project	1 project	1981	Special Uses				
J.5.12	✓ Get Caltrans Barrow Pit/Rock disposal sites under Special Use Permit	2 permits	10/81	Special Uses				
J.5.13	✓ Work with Eldorado N.F. to set up maintenance program for the dams under Special Use Permit to California Dept. of Fish and Game.	1 action	10/81	Special Use				
J.6.3.1	✓ Resolve unauthorized occupancy trespasses (encroachment)	15 cases	9/81	Realty Officer				
J.8.1	Participate in the development and review of the Forest Service Regional Plan		12/81	Planning and other staff as needed				
J.8.2	*Complete the Forest Plan (integrated land and resource management plan)*		*12/83*	*Planning*				
	a. notify public and other agencies of intent to prepare plan	*notice of intent*	*1/81*	*Planning*				
	b. identify the planning process criteria, schedule, personnel requirements, and estimated cost of preparing the Forest Plan	*work plan*	*6/81*	*Planning*				
	c. provide orientation training to staff on NFMA process	*2 day training*	*3/81*	*Planning*				

Unit 19 LTBMU Date 9/30/80

Element or Administrative Activity
J - Lands

OBJECTIVES FOR FY 81 - 85

* Key Objective

OBJECTIVE (What is going to be done)		TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
J.8.2 (con't)	d. public involvement on issue identification	list of issues	5/81	Planning and staff	
✓	e. gather and analyze resource information to the standard	resource summary	9/81	All staff	
	required by NFMA and the Regional Plan. Coordinate with Federal threshold study	documents			
J.8.27	*Complete Interim LM Plan*	*FEIS to EPA and public*	*12/80*	*Planning*	
J.10.1	Prepare classification documents for proposed R.N.A.	to be determined	1985	Planning	
J.14.2.1	Coordinate phase 1 of the Joint cadastral survey program between BLM and USFS. (if approved and funded)	phase 1	9/81	Realty Officer	
J.14.2.4	Maintain property boundaries and corners	11 miles	9/81	Realty Officer	
J.20.1	Establish a review process for environmental assessments	manual supplement	2/81	Planning	
J.20.2	Provide training on E.A. process and documentation	as necessary	4/81	Planning	
J.21.1 ✓	Identify environmentally sensitive lands in Tahoe Basin (In anticipation	full set of maps	11/1/80	Watershed	
J.21.1	*Identify environmentally sensitive lands in Tahoe Basin (In anticipation of Burton-Santini Bill)*	*full set of maps*	*11/1/80*	*Watershed*	

Page of 39

Element or Administrative Activity
L - Facilities

OBJECTIVES FOR FY 81 - 85
* Key Objectives

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
L.1.1	Following approval of site plan				
	Construct a 5M.sq.ft.warehouse building at Meyers (if funded)	1 warehouse 1 approved site	1981 1981	Facility Manager Recreation	
L.1.2	Eliminate inventoried FA&O maintenance backlog and all condemnable FA&O facilities	100%	1985	Facility Manager	
L.1.2.1	Eliminate inventoried FA&O maintenance backlog and all condemnable FA&O facilities	20%	1981	Facility Manager	
L.1.2.2	Inventory existing buildings, identify deficiencies in appearance and exterior. Prepare action plan for correction including general description of work and estimated costs.	As stated	7/81	Facility Manager	
L.1.3	Eliminate inventoried health & safety problems in FA&O and leased facilities	100%	1985	Facility Manager	
L.1.3.1	Update the 5 year plan of maintenance of the Unit	1 plan	1981	Facility Manager	
L.1.3.2	*(If funded) eliminate electrical safety problems in all FA&O and leased facilities*	*100%*	*1981*	*Facility Manager*	
L.1.3.3	Eliminate cable gates on N.F.land	all cable gates	1981	Special Uses/ Facility Manager	
L.1.3.4	Develop action plan for correction of deficient water systems	1 plan	4/81	Facility Manager	
L.1.3.5	Install water tank at Spooner G.S.	Tanks by July	1981	Facility Manager	
L.1.3.6	Restore Meiss Cabin and barn following historical investigation coordinate with Special Uses, Facilities Manager and Permittee	50% 1 cabin restoration 100%	1981 1982	TRW	
L.1.3.7	Complete installation of gas pumping facilities at Meeks Bay and Spooner	2 gas pumps	6/81	Facility Manager	

Page [illegible] of 39

Element or Administrative Activity
K - Soils

OBJECTIVES FOR FY 81 - 85

Unit
19 LTBMU

Date
9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
K.2.4	Monitor LIM Sites and submit data to SCS	Reread LIM 3 sites	1983	Watershed				
K.3.1 ✓	Restore lands damaged by man-caused activities (including watershed restoration and site specific water quality problems). Control erosion and sedimentation on unneeded and abandoned roads.	10 acres	1981	Watershed				
K.3.2 ✓	Provide maintenance on watershed restoration projects in Page Meadows, Meyers Landfill, Road Closure Program, Meadow Restoration Program and system roads.	140 acres	1981	Watershed				
K.3.3 ✓	Insure completion of restoration work by Tahoe City Public Utility District at the Cinder Cone.	As stated	1981-83	Watershed				
K.3.4 ✓	Implement appropriate portions of TRPA water quality management plan in Appendix A and SWRCB Plan relating to watershed restoration and water quality improvement on disturbed lands.	As stated	1981	Watershed				
K.3.5 ✓	Develop a handbook of best management practices for ski areas, if financed.	1 publication	1982	Watershed				

Element or Administrative Activity
L - Facilities

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
L.3.1	✓ Complete negotiations with Fallen Leaf Protection Association to reach a conclusion on management of Fallen Leaf Lake water releases	1 mgmt. plan	1/1/81	Watershed				
L.32.	✓ Modify old dam at Fallen Leaf to allow regulation of flow	1 Boom	Fall, 1981	Watershed				
L.3.3	Make necessary arrangements for replacement of gate superstructure if necessary, for FY 82	1 plan	1981	Watershed				
L.4.2.1	Obtain adequate technical radio-communications support to meet Basin's Goals & Objectives	80MD	1982	FMO				
L.5.2	✓ Fog seal Blackwood Canyon Road	As stated	1981	Watershed				
L.5.3	✓ Rock line ditches on 0.5 miles of Fountain Place Rd.	As stated	1981	Watershed				
L.5.4	✓ Slurry seal Visitor Center and Eagle Falls Parking lots (contingent on funding)	As stated	1981	Watershed				
L.5.5	✓ Repave Meyers Work Center (contingent on funding)	As stated	1981	Watershed				
L.5.6	✓ Improve drainage on portions of Level 2 roads on Echo Summit, Osgood Swamp and Glen Alpine Rds. (contingent on funding)	As stated	1981	Watershed				
L.517	✓ Rock and oil portion of Fountain Place Road (contingent on funding)	As stated	1981	Watershed				

Element or Administrative Activity
L - Facilities

OBJECTIVES FOR FY 81 - 85
* Key objective

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
L.5.8	✓ Work with CalTrans and Nevada Department of Highways to develop a priority listing for erosion problems for highway sites within the Tahoe Basin	2 lists	1982	Watershed				
L.5.9	✓ Work with Placer County to develop action plan for stabilizing the McKinney Creek Road.	1 plan	1981	Watershed				
L.5.10	✓ Develop comprehensive EA on erosion control problems in McKinney Creek Basin	1 EA	1981	Watershed				
L.5.11	✓ Make determinations for closure or inclusion to system for all remaining non-system roads	As stated	1981	Watershed				
L.5.12	Develop road logs for all system roads	As stated	12/80	Watershed				
L.5.13	Make right-of-way determinations for all system roads	As stated	1981	Watershed				
L.5.14	✓ Prepare new road maintenance plan	1 plan	1/81	Watershed				
L.5.15	✓ Chip seal Baldwin Road	1 road	11/80	Watershed				
L.5.16	✓ *Put to bed each year 20% of the roads categorized level I per L.5.11*	*As stated*	*1981*	*Watershed*				

ement or Administrative Activity

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU Date 8/30/80

L - Facilities

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
L.7.1	Complete report on energy deficiencies on Forest Service buildings and prepare action plan	1 report 1 plan	7/81 10/81	Facility Manager	
L.10.1	Perform and document load rating analyses on each Forest Service jurisdiction bridge	1 analysis on each F.S. owned bridge	1981	Watershed	
L.11.1	Complete all signing related to safety on level 3,4, and 5 roads	100%	1981	Recreation	
L.11.2	✓ Complete all signing related to safety and traffic management on level 1 and 2 roads	100%	1982	Recreation with Watershed	
L.11.3	✓ Complete remainder of signing traffic management, directional destination on all levels	100%	1985	Recreation	
L.11.4	Complete installation of all Unit Entry signs	3 signs	1981	Recreation	
L.11.5	Update sign plan for all Level 2 roads	1 plan	1981	Recreation	
*L.11.6	Complete Brockway Planning Package	Complete Planning Package	1981	Recreation	

Element or Administrative Activity

P - Protection

OBJECTIVES FOR FY 81 - 85

Unit 19 LTBMU

Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)
P.3.5	✓ Establish objectives for natural fuel treatment in Forest land management plans and project plans in support of resource management objecitve.	1 plan	1983	FMO	
P.3.6	a. Complete prior activity fuel treatment plan	1 plan	1982	FMO	
	b. Achieve 25% of the planned reduction	25%	1985		
P.3.7	✓ Treat slash created by Forest Service activities to an acceptable level - as identified in the project E.A.	EST 600 acres	1981	FMO	
P.3.8	✓ Reduce fuel hazard to an acceptable level - Natural fuels with FMF -115 funds	27 acres	1981	FMO	
P.3.9	✓ Complete fuel inventory for entire Basin	9965 acres 2000 " 2000 "	1981 1982 1983	FMO " "	
P.14.1	Participate in the State-wide gypsy moth detection (trapping program in cooperation with the California Dept. of Food & Agriculture.	200 traps/yr.	1981-85	Staff, TRW	
P.18.2	✓ Provide winter resource protection 2 trained FPT's and Dispatch coverage	As stated	Nov-April 1981-1985	FMO	

Element or Administrative Activity
P - Protection

OBJECTIVES FOR FY 81 - 85

* key objectives

Unit 19 LTBMU
Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter)			
*P.21.1 ✓	*Reduce man-caused fires by 10% of of the previous 5-year average*	*As stated*	*1981*	*FMO*				
P.21.2	Evaluate and revise Units Fire Prevention Plan	1 plan	spring 1981-1985	FMO				
P.22.1 ✓	Complete the Fire Management portion of the Land Management Plan	Completed fire plan	1981	FMO (LM Planner)				
P.22.2	Complete all pre-attack plans	Completed plan	1982	AFMO				
		All field work completed	1981					
P.22.3	Revise and update, plans, service, and finance kits	Revised kits	1981-1985	FMO				
P.22.4	Provide one trained and equipped casual fire crew, to meet National crew needs	crew	1981-1985	AFMO				
P.22.5	Conduct mock fire exercise for Basin's class II fire team	1 exercise	spring 1981-1985	FMO				

Pages 32+38 not related to [illegible] Page 39a of 39

[illegible] or Administrative Activity
T - Administration

OBJECTIVES FOR FY 81 - 85

* Key objectives

Unit 19 LTBMU Date 9/30/80

	OBJECTIVE (What is going to be done)	TARGET	WHEN	INSTRUCTIONS	ACCOMPLISHMENTS (Quarter) 1st	2nd	3rd	4th
* T.38.12	Share in a lead role with the Tahoe Regional Agency (TRPA) in developing environmental thresholds for the Lake Tahoe Basin.	Environmental Thresholds	According to work plan	Project Director	25	50		
T.38.13	Coordinate Federal assistance to the TRPA in the development of carrying. capacities for the Lake Tahoe Basin	Preparation of grants and/or IPA assignments	9/81	Project Director	25	50		
T.38.14	As Secretary to the Tahoe Working Group, keep group informed on important matters	100%	1981	Planning Coordinator	25	50		
T.38.15	As Vice-Chairman of the Tahoe Transportation Authority~~s~~ TPA, represent Forest Service interests	100%	1981	Planning Coordinator	25	50		
T.38.16	Represent interests at meetings of the Tahoe Basin Association of Governments	100%	1981	Planning Coordinator	25	50		
T.38.17	Represent Forest Service interests at meetings of the Tahoe Basin Air Quality Ad Hoc Team	100%	1981	Planning Coordinator	25	50		
T.38.18	Establish and fill one more assistant position for Special Uses	1 position filled	Jan/81	Special Uses				
T.38.19	Establish and fill one assistant position for Facility Manager	1 position filled	Feb,	Recreation				

PROPOSED WATERSHED RESTORATION PROJECTS FY 1980

LAKE TAHOE BASIN MANAGEMENT UNIT
U. S. FOREST SERVICE

In total we will be expending $259,000 to rehabilitate 100 acres of damaged watershed in FY 80. These dollars will be expanded through the use of YCC and YACC labor. Several of the projects will extend beyond 1980. Hopefully we will receive the funding we have requested for their completion.

1. Meyers Landfill. Work will be continued on the Meyers Landfill, leachate and erosion control project. The channel diversion area will be irrigated. Additional trees and shrubs will be planted and the drainage system will be modified to accommodate settling which has occurred on a yearly basis. Estimated completion date 10/81.

2. Blackwood Canyon Restoration Project - Approximately $40,000 will be expended in Blackwood Canyon this summer. The work will include road closures and revegetation, bank stabilization in Blackwood Creek, clearing old debris from Blackwood Creek, addition of a debris rack in front of the fish ladder, irrigation, planting of trees and shrubs, design of two low-head structures, drainage work and stabilization on Blackwood Canyon road. Estimated completion date for total project 10/84.

3. Meiss country gully stabilization. Approximately $15,000 will be expended to stabilize several gullies in the Meiss meadow area and to raise the water table. Completion date 10/81.

4. Zephyr Cove Resort - Approximately $5,000 will be expended to barrier sections of stream environment zone, revegetate several abandoned parking lots, install a sediment pond and remove fences which previously allowed grazing to take place in the stream environment zone. Completion date 11/80.

5. Osgood Swamp - Approximately $10,000 will be expended to complete the Osgood Swamp watershed restoration project. This will include road closures, revegetation, rocklined ditches, and modification of the existing structure to raise the ground water table. Completion date 11/81.

6. Heavenly Valley Ski Area - Heavenly Valley will continue maintenance of existing vegetative areas through fertilization, irrigation and spot seeding. They will begin several new revegetation projects aimed at rehabilitating problem areas.

7. Maintenance of existing watershed restoration projects. Maintenance, fertilization, irrigation, spot seeding, will continue on all existing watershed restoration projects on National Forest land within the Lake Tahoe Basin.

8. Paige Meadow Closures - Spot seeding will take place in the Paige Meadow area, several culverts will be installed for drainage on the access roads to the meadow, and road closures will be maintained. Completion date 11/80.

9. Marlette Overflow Campground - A portion of the Marlette Overflow Campground will be closed and blocked to public use. Stream environment zones will be barriered and protected and disturbed areas will be revegetated. Completion date 11/80.

10. Meeks Bay Resort - We will work with the new permittee to ensure that Best Management Practices are implemented on all facilities being upgraded.

11. Road Closure Program - Approximately 10 miles of roads will be closed, obliterated, drainage installed, and revegetated in an effort to restore the site to a near natural condition. Completion date 11/80.

12. Stream Channel Cleanup and Fisheries Improvement - Debris from 10 miles of stream will be removed to decrease bank scouring and to remove fish blockages for migrating and spawning fish. Completion date 11/80.

13. Cinder Cone - The TCPUD will continue rehabilitation of the abandoned site.

14. Jennings Casino Site Restoration - Work will begin this summer to reshape and revegetate the recently purchased casino site. A portion of stream environment zone will be developed when a tributary to Burke Creek, which is currently piped, is put back into a natural channel. Estimated completion date 11/81.

15. Problem Identification - The problem identification plan for National Forest lands within the Tahoe Basin will be upgraded to include lands recently purchased by the Forest Service. Estimated completion date 11/81.

16. Water Quality Monitoring Program - We will continue our existing monitoring program and expand it somewhat to include several tributaries in an effort to evaluate the effectiveness of Best Management Practices and land management activities taking place on National Forest land.

Glenn Smith
U.S. Forest Service
5/16/80

28. United States Department of the Interior - Geological Survey (USGS)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
Water Resources Division
2800 Cottage Way, Room W-2235
Sacramento, California 95825

November 6, 1980

Mr. Anders J. Hauge
Quad Consultants
1415 18th Street, Suite 611-615
Bakersfield, California 93301

Dear Mr. Hauge:

In response to your letter of October 21 and our telephone conversation of November 5, you should be aware that we have a water quality monitoring program in the Lake Tahoe drainage basin run in cooperation with the California Department of Water Resources, State Water Resources Control Board, University of California at Davis, Tahoe Regional Planning Agency, and U.S. Forest Service. This program consists of water quality and quantity measurements on a number of tributaries to the Lake. Data collection on the tributaries includes the quantity of water discharged and collection of samples for chemical and sediment analyses. The water quantity data, sediment analyses, and quality control for all the work is handled by the Survey. The chemical analyses are performed by the University of California laboratories. The University also supplies sample collection for both the chemical and sediment samples. In addition to the program on the tributaries to Lake Tahoe, water quality data are being collected in the Lake by the California Department of Water Resources and the University of California at Davis. Continuation of the work is contingent on program negotiation each year amongst the cooperating agencies. The program began in the 1980 fiscal year and is continuing in 1981 fiscal year with one change in the cooperating agencies--the U.S. Forest Service has dropped the program.

The second item which you requested in our phone conversation was regarding the working hours of our Tahoe office. The regular hours of our Tahoe City office are 7:30 a.m. to 4:00 p.m. These hours are coordinated with those of the Sacramento Subdistrict office which were selected many years ago for employee convenience and to minimize traffic problems. The operating hours of the office are subject to wide fluctuation in response to field workload situations. As a result, the office may be closed during customary working hours because those on duty are active elsewhere.

I hope this will be sufficient response to meet your needs.

Very truly yours,

JMcClelland

E. J. McClelland
Chief, Sacramento Subdistrict

cc:
District Chief, WRD, Menlo Park, CA

29. United States Postal Service

UNITED STATES POSTAL SERVICE
Western Regional Office
San Bruno, CA 94099

NOV 06 REC'D

November 4, 1980

In reply refer to:
WE20:37:DMC:fmk

Anders J. Hauge
Senior Planner
QUAD Consultants
Great Western Savings Bldg.
1415 - 18th Street
Bakersfield, CA 93301

Dear Mr. Hauge:

This is in reference to your letter addressed to the Postmaster of South Lake Tahoe concerning the South Lake Tahoe Public Utilities District plan to expand and modify the wastewater treatment facility.

The purpose of this letter is to advise you of the fact that while the Postal Service staff is currently conducting a study relative to mail delivery in the Tahoe Basin, the results of the study have not as yet been finalized. I have discussed the matter with Dave Jasen at the Environmental Protection Agency and he advised me that it would be appropriate to notify you of the current situation. Please be assured that we are working to develop a viable plan which will contain appropriate mitigating measures, and that this plan should be formalized in the near future.

Daniel M. Curts
Senior Assistant Regional Counsel

MAR 27 REC'D

UNITED STATES POSTAL SERVICE
Western Regional Office
San Bruno, CA 94099

March 25, 1981

In reply refer to:
WE20:37:DMC:lan

Anders J. Hauge
Senior Planner
QUAD Consultants
Great Western Savings Building
1415 18th Street
Bakersfield, CA 93301

Dear Mr. Hauge:

Reference is made to our telephone conversation concerning our resource commitment to the Lake Tahoe Basin. At this juncture, it is difficult to give you a definitive answer, but I can state that we have expended considerable time and effort and probably have expended at least one-half of a man-year, not even considering our real estate activities. Since I am not entirely sure what your desires are in this regard, I would appreciate it if you would let me know precisely what you are seeking, so that I might be in a position to provide you with the necessary information.

I can say that this project has involved personnel from our Real Estate & Buildings Department, the Regional Counsel's Office, Customer Service Department, Postmaster's Office in South Lake Tahoe, and of course, staff at our Sierra District in Sacramento. At this point, I have no precise measure as to the man-hours expended, but we will pursue the matter once we have a clear understanding as to precisely what you require.

Sincerely,

Daniel M. Curts
Senior Assistant Regional Counsel

30. United States Department of Agriculture - Soil Conservation Service (USSCS)

Tahoe Resource Conservation District

P.O. BOX 10529 SOUTH LAKE TAHOE, CALIFORNIA 95731 TELEPHONE (916) 541-1496
(916) 541-5654

January 13, 1981

RECEIVED
JAN 16 1981
S.T.P.U.D.

Mr. James Cofer, Manager
South Tahoe Public Utility District
P.O. Box AU
South Lake Tahoe, Calif. 95731

Dear Mr. Cofer:

The Board of Directors is hereby transmitting a Resolution with attachment of commitments to the mitigation program of the South Tahoe Public Utility District for the improvement and modification of the wastewater management system of STPUD.

Please be assured we will assist in any way within the realm of our authority and within the limitations of personnel and funding.

Sincerely,

Kenneth Smith MD

Kenneth C. Smith
Acting President

KCS/br

Enc.

P.O. BOX 10529 SOUTH LAKE TAHOE, CALIFORNIA 95731 TELEPHONE (916) 541-1496
(916) 541-5654

TAHOE RESOURCE CONSERVATION DISTRICT

RESOLUTION NO. 1981-1

IN THE MATTER OF MITIGATION PROGRAM
COMMITMENTS TO THE SOUTH TAHOE PUBLIC
UTILITY DISTRICT

WHEREAS, the South Tahoe Public Utility District has requested assistance and commitments in a program to mitigate any harmful impacts as a result of a modified wastewater treatment plant in the South Shore of Lake Tahoe, and

WHEREAS, the support is needed in order for the Utility District to be eligible for EPA grant funding,

NOW THEREFORE BE IT RESOLVED, by the Board of Directors of the Tahoe Resource Conservation District, that those commitments will be assured within the limitations of personnel and funding.

AND THEREFORE BE IT RESOLVED, that the Soil Conservation Staff provide the services as outlined in the attached Memorandum; most of these services are functions of the district and the Soil Conservation Staff by law,

AND THEREFORE BE IT RESOLVED, that support and commendation be given to the South Tahoe Public Utility District for efforts extended toward a mitigation program beneficial to all of the South Shore of Lake Tahoe.

ADOPTED, this 12th day of January, 1981 by the Board of Directors of the Tahoe Resource Conservation District by unanimous vote.

TAHOE RESOURCE CONSERVATION DISTRICT

Kenneth C. Smith

Kenneth C. Smith, Acting President

ATTEST:

Betty J. [illegible]

RECEIVED
JAN 1 6 1981
S.T.P.U.D.

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE P.O. Box 10529 So. Lake Tahoe, CA 95731

January 8, 1981

Board of Directors
Tahoe Resource Conservation District

RE: Mitigation Program - South Tahoe Public Utility District

Dear Board Members:

The Soil Conservation Service staff has reviewed the Mitigation Program as proposed by South Tahoe Public Utility District, and offer the following comments.

The Conservation District has been implementing many of the items as shown, with assistance from the SCS. We feel there are only two limitations - one being personnel, the other lack of funding.

The following practices are all within the scope of the Tahoe Resource Conservation District and the ability of the SCS staff:

1. Revegetate bare areas
2. Stabilize and vegetate unstable slopes
3. Provide protective cover on dirt roads
4. Build roadside drains
5. Storm sewers
6. Drainage facilities for areas of intensive vehicular use
7. Protective cover on private roads and driveways
8. Best management practices
9. Restrictions on fertilizer use on golf courses

Additional items in the District and SCS program include:

20.(page 1-3) Inventory, monitor, and, if necessary, control recreational use of meadows, bogs, aspen groves, and other valuable moist habitats in accordance with guidelines and management plans of the U.S. Forest Service and state departments of fish and game to protect valuable and rare or endangered plants and wildlife.

21. (page 1-3) Protect active osprey and peregrine falcon nests from disturbance.

22. (page 1-3) Require surveys of rare and endangered plants for development proposals, and require measures to minimize impacts.

93. (page 1-8) Require onsite cultural, archaeological, and historic resource analyses as part of the development review process.

It is the policy of the Soil Conservation Service to address the above items when making recommendations to land users, whether units of government or individuals.

33. (page 1-4) Staggered work and/or operations hours. The staff now operates on a staggered work schedule and will continue to do so.

SCS staff recommends that the Tahoe Resource Conservation District support the South Tahoe Public Utility District, and provide assistance whenever possible in implementing the practices outlined herein.

Sincerely,

Richard C. Pyle
District Conservationist

RCP:br

UNITED STATES DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE P.O. Box 10529 So. Lake Tahoe, CA 95731

•March 6, 1981

Andy Hauge, Sr. Planner
Quad Consultants
Suite 611-615/Great Western Savings Bldg.
1415 - 18th St.
Bakersfield, CA 93301

RE: Mitigation Program - So. Tahoe Public Utility District

Dear Andy:

The conservation districts and the Soil Conservation Service are committed to assisting with the Mitigation Program; their commitments are dictated not only by state and federal law, but through the districts' long range and annual programs.

Among the continuing actions to be maintained in the future is to furnish one and one-third man-years for assistance to the people of the El Dorado County portion of the Tahoe Basin. This service will be continued unless there are reductions in funding or personnel ceilings.

There is currently an active application on file for a Resource, Conservation and Development Project in the Tahoe Basin, which is updated annually. This is one of approximately 50, and to date the Secretary of Agriculture has not elected to fund this area; the RC&D Council, however, stays active and the sponsors are hopeful that funding will eventually be provided.

The conservation districts have been strongly supportive and have inspired the SCS to assist the TRPA to the highest degree possible. The districts put forth a great deal of effort in getting the compact revised, and have repeatedly stated that they will continue their support of TRPA. The Governing Board of the TRPA requested that SCS become a voting member of the Advisory Planning Commission, and Francis Lum, State Conservationist, has appointed me to represent the SCS on the Commission.

I feel these comments indicate the degree to which the conservation districts and SCS are involved, and their ability to implement a program of erosion and sediment control, as well as to assist the So. Tahoe Public Utility District with the Mitigation Program.

Sincerely,

Richard C. Ryle, District Conservationist

cc: Ray Borchard, SCS

31. Water service Districts
a. Water Service Summary

WATER SERVICE DISTRICTS
within the boundaries of the South Tahoe PUD

	Present WATER USE*		Implementation Statement Received
	Acre ft./yr.	%	
ANGORA WATER COMPANY	650	10.0	yes
LAKESIDE MUTUAL WATER COMPANY	389	6.0	no
LUKINS BROTHERS WATER COMPANY	334	5.1	no
SOUTH TAHOE PUBLIC UTILITY DISTRICT	3,964	60.9	yes
TAHOE KEYS WATER COMPANY	556	8.5	yes
TAHOE PARADISE WATER AND GAS COMPANY	614	9.5	yes
	6,507	100%	88.9%

* Table III-3, Report on Water USE and WATER RIGHTS California Water Resources Control Board, October 1979.

Angora Water Co.
P. O. BOX 9026 SOUTH LAKE TAHOE, CALIFORNIA 95705
(916) 541 3700

December 17, 1980

Mitigation Task Force
C/O South Tahoe Public Utility District
P. O. Box AU
South Lake Tahoe, CA 95705

RECEIVED
DEC 22 1980
S.T.P.U.D.

RE: Commitment for Continued Study of Mitigation Programs in Accord with Goals and Timetable

Ladies and Gentlemen:

The Angora Water Co. is an investor owned water company providing residential and commercial water service to 1,825 customers in the area of the South Shore of Lake Tahoe.

The Angora Water Co. supports the efforts of the Mitigation Task Force and does make a commitment to proceed with the goals and timetable of the mitigation program as presented in the November 1980 Report.

Comments on specific mitigation programs are attached.

ANGORA WATER CO.

BY: Stan Martin, Pres.
Stan Martin - Pres. and Gen. Mgr.

COMMENTS ON MITIGATION PROGRAMS
by the
ANGORA WATER CO.

Recommended

Measure #17 — Monitor water quality to document changes in physical, chemical and biological characteristics of basin water.

Comment: This mitigation measure has been implemented. Water Quality monitoring mandated by State and Federal requirements.

Recommended

Measure #67 — Improve neighborhood facilities, services and amenities to encourage private sector investment.

Comment: The water company has an ongoing capital improvements program to upgrade the water system and to provide the water service needs.

Required

Measure #77 — Ensure that new development locates to take advantage of existing service capabilities. Measure implemented. The water utility is working with the land use planning agencies in accord with the required measure.

Recommended

Measure #78 — Coordinate regional land use planning and capital facilities planning and budgeting.

Comment: Measure implemented. The South Shore Water Purveyors are working together to coordinate water planning activities.

Recommended

Measure #79 — Require developers to provide infrastucture and major service facilities and to contribute funds for such improvements.

Comment: Mitigation measure implemented. Rate structures are as allowed by the public utility commission.

RECEIVED
DEC 22 1980
S.T.P.U.D.

Recommended

Measure #80 Consolidate service districts.

Comment: South Shore Water Purveyors are implementing a joint powers group to provide for coordinated utility service.

Required

Measure #85 Institute water conservation programs to reduce water consumption.

Comment: Water company meters water production and commercial water use. Water conservation program is being implemented through the South Shore Water Purveyors Group.

Required

Measure # 86 Install retrofit water conservation devices.

Comment: Measure implemented. During the drought. Retrofit kits made available to all customers. Future programs will be coordinated through South Shore Water Purveyors Group.

Required

Measure #87 Enforce mandatory water conservation efforts.

Comment: Water conservation efforts to be developed and coordinated through South Shore Water Purveyors Group.

TAHOE PARADISE WATER AND GAS CO.
P.O. Box 11117
Tahoe Paradise, California 95705
Phone: South Lake Tahoe (916) 541-2622

RECEIVED
DEC 19 1980
S.T.P.U.D.

December 17th, 1980

Mitigation Task Force
c/o South Tahoe Public Utility District
P.O. BOX AU
So. Lake Tahoe, Ca. 95705

Ladies and Gentlemen: Re: Commitment for Continued Study of Mitigation Programs in Accord With Goals and Timetable

The Tahoe Paradise Water and Gas Co. is an investor owned water company providing residential and commercial water service to 2200 customers in Tahoe Paradise and vicinity, near Meyers, El Corado County - outside of the City Limits of South Lake Tahoe.

The Tahoe Paradise Water and Gas Co. supports the efforts of the Mitigation Task Force and does make a commitment to proceed with the goals and timetable of the mitigation program as presented in the November 1980 Report.

Comments on specific mitigation programs are attached.

Very truly yours,

TAHOE PARADISE WATER AND GAS CO.

George C. Baron, President

GB:MR

ENC:

A Wholly Owned Subsidiary of
WHITTINGTON OIL CO., INC. (A UTAH CORPORATION)
LISTED ON PACIFIC COAST STOCK EXCHANGE

COMMENTS ON MITIGATION PROGRAMS
BY THE
TAHOE PARADISE WATER AND GAS CO.

Recommended

Measure #17 — Monitor water quality to document changes in physical, chemical and biological characteristics of basin water.

Comment: This mitigation measure has been implemented. Water quality monitoring mandated by State and Federal requirements.

Recommended

Measure #67 — Improve neighborhood facilities, services and amenities to encourage private sector investment.

Comment: The water company has an ongoing capital improvements program to upgrade the water system and to provide the water service needs.

Required

Measure #77 — Ensure that new development locates to take advantage of existing service capabilities.

Comment: Measure implemented. The water utility is working with the land use planning agencies in accord with the required measure.

Recommended

Measure #78 — Coordinate regional land use planning and capital facilities planning and budgeting.

Comment: Measure implemented. The South Shore Water Purveyors are working together to coordinate water planning activities.

Recommended

Measure #79 — Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements.

Comment: Mitigation measure implemented. Rate structures are as allowed by the Public Utility Commission.

Recommended

Measure #80 Consolidate service districts.

Comment: South Shore Water Purveyors are implementing a joint powers group to provide for coordinated utility service.

Required

Measure #85 Institute water conservation programs to reduce water consumption.

Comment: Water company meters water production and commercial water use. Water conservation program is being implemented through the South Shore Water Purveyors Group.

Required

Measure #86 Install retrofit water conservation devices.

Comment: Measure implemented. During the drought, retrofit kits made available to all customers. Future programs will be coordinated through South Shore Water Purveyors Group.

Required

Measure #87 Enforce mandatory water conservation efforts.

Comment: Water conservation efforts to be developed and coordinated through South Shore Water Purveyors Group.

Page 2 of 2

Tahoe Keys

TAHOE KEYS PROPERTY OWNERS' ASSOCIATION

RECEIVED
JAN - 6 1981
S.T.P.U.D.

January 5, 1981

Mitigation Task Force
c/o South Tahoe Public Utility District
P. O. Box A U
South Lake Tahoe, CA 95705

Re: Commitment for Continued Study of Mitigation Programs in Accord with Goals and Timetable

Ladies and Gentlemen:

The Tahoe Keys Water Company is owned and operated by the Tahoe Keys Property Owners' Association, providing water service to 967 residential units and commercial water service to ten (10) customers, which includes six (6) connections for the U. S. Forest Service at Pope Beach.

The Tahoe Keys Water Company supports the efforts of the Mitigation Task Force and does make a commitment to proceed with the goals and timetable of the mitigation program as presented in the November 1980 Report.

Comments on specific mitigation programs are attached.

Dorothy Dobson

Dorothy Dobson
Tahoe Keys Water Company Representative
Vice President
Tahoe Keys Property Owners' Association

DD:f
Attachments

P.O. BOX 10470, SOUTH LAKE TAHOE, CA. 95731 • PHONE (916) 541-4377

COMMENTS ON MITIGATION PROGRAMS
by the
(TAHOE KEYS WATER COMPANY)

Recommended Measure #17	Monitor water quality to document changes in physical, chemical and biological characteristics of basin water.
Comment:	This mitigation measure has been implemented. Water quality monitoring mandated by State and Federal requirements.
Recommended Measure #67	Improve neighborhood facilities, services and amenities to encourage private sector investment.
Comment:	The water company has an ongoing capital improvements program to upgrade the water system and to provide the water service needs.
Required Measure #77	Ensure that new development locates to take advantage of existing service capabilities.
Comment:	Measure implemented. The water utility is working with the land use planning agencies in accord with the required measure.
Recommended Measure #78	Coordinate regional land use planning and capital facilities planning and budgeting.
Comment:	Measure implemented. The South Shore Water Purveyors are working together to coordinate water planning activities.

RECEIVED
JAN - 6 1991
S.T.P.U.D.

Recommended Measure #79: Require developers to provide infrastructure and major service facilities and to contribute funds for such improvements.

Comment: Mitigation measure implemented. Rate structures are as allowed by the public utility commission.

Recommended Measure #80: Consolidate service districts.

Comment: South Shore Water Purveyors are implementing a joint powers group to provide for coordinated utility service.

Required Measure #85: Institute water conservation programs to reduce water consumption.

Comment: Water company meters water production and commercial water use. Water conservation program is being implemented through the South Shore Water Purveyors Group.

Required Measure #86: Install retrofit water conservation devices.

Comment: Measure implemented, during the drought. Future programs will be coordinated through South Shore Water Purveyors Group.

Required Measure #87: Enforce mandatory water conservation efforts. Efforts of water conservation education to our users is implemented through our Tahoe Keys Quarterly Newsletters. Other water conservation efforts are to be developed and coordinated through South Shore Water Purveyors Group.

RECEIVED
JAN - 6 1981
S.T.P.U.D.

V. MITIGATION TASK FORCE MEMBERSHIP

A. INTRODUCTION

The Mitigation Task Force, which originally included representatives from the South Tahoe Public Utility District, City of South Lake Tahoe and El Dorado County expanded to encompass those agencies with an interest and responsibility for the implementation of the mitigation measures identified in the DEIS. Those agencies who participated in the development of the Mitigation Program are identified in the following list.

Approximately 13 of the listed Task Force members were active participants in the development of the program. They were represented at most of the monthly meetings and actively sought the necessary implementation statements. These agencies are identified on the following list by an asterisk " * ".

B. MITIGATION TASK FORCE DISTRIBUTION LIST

ANGORA WATER COMPANY

P.O. Box 9026
South Lake Tahoe, CA 95704

(916) 541-3700

Attn: Stan Martin/President and General Manager

CALIFORNIA (STATE OF)

Office of the Governor
Office of Planning and Research
1400 10th Street
Sacramento, CA 95814

(916) 445-0614

Attn: Gary D. Midkiff/Projects Coordinator

* CALIFORNIA AIR RESOURCES BOARD

Urban Programs Branch
1800 15th Street
Sacramento, CA 95814

P.O. Box 2815
Sacramento, CA 95814

(916) 445-0960

Attn: Stan Randolph
Dennis Goodenow

CALIFORNIA DEPARTMENT OF FISH AND GAME

1701 Numbus Road
Rancho Cordova, CA 95670

(916) 355-7030

Attn: Bob Mapes

P.O. Box 73
Tahoe City, CA 95730

(916) 583-3325

Attn: Russ Wickwire

CALIFORNIA DIVISION OF FORESTRY

2840 Mt. Danaher
Camino, CA 95709

Attn: Bob Hubbell

CALIFORNIA DEPARTMENT OF MOTOR VEHICLES

Division of Field Office Operation
P.O. Box 2411
Sacramento, CA 95811

(916) 445-6495

Attn: B.A. Anderson/District Manager

CALIFORNIA DEPARTMENT OF PARKS AND RECREATION

Sierra Area
P.O. Drawer D
Tahoma, CA 95733

(916) 525-7232

Attn: Bob Macomber/Area Manager

4125 West Lane
Stockton, CA 95204

Attn: Ray Westburg/Regional Manager-Inland Region

* CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD - LAHONTON REGION

P.O. Box 14367
South Lake Tahoe, CA 95702

(916) 544-3481

Attn: Ray Hampson/Exec. Officer
Chuck White

P.O. Box 14205
South Lake Tahoe, CA 95702

Attn: Lynne Smith/Director

CALIFORNIA STATE PARKS

P.O. Box 2390
Sacramento, CA 95811

Attn: Russell Cahill/Exec. Director

CALIFORNIA DEPARTMENT OF WATER RESOURCES

3251 "S" Street
Sacramento, CA 95816

(916) 322-6220

Attn: Walt Terry

* CALIFORNIA TAHOE REGIONAL PLANNING AGENCY - CTRPA

P.O. Box 14467
South Lake Tahoe, CA 95702

(916) 541-6770

Attn: Dennis Winslow/Exec. Director
Bob Twiss/Chairman

*CALIFORNIA STATE WATER RESOURCES CONTROL BOARD

Division of Water Quality
P.O. Box 100
Sacramento, CA 95801

(916) 322-4507

Attn: Andy Sawyer
Clint Whitney
Megan Taylor
Jim Lee

*CALTRANS - CALIFORNIA DEPARTMENT OF TRANSPORTATION

P.O. Box 911
Marysville, CA 95901

(916) 674-4277

Attn: Robert Skidmore
Andriana Gianturco/Dir. of Transportation
Leo J. Trombatore/Dist. Dir. of Transportation
E.F. Galligan/Deputy Dist. Dir.

*EL DORADO (COUNTY OF)

330 Fair Lane
Placerville, CA 95667

Planning Department

(916) 541-3509/541-3550

Attn: Ken Miliam/Planning Director
Doug Noble/Asst. Planning Director

Board of Supervisors

(916) 626-2464/544-7728

Attn: Tom Stewart
Pat Lowe
Joseph V. Flynn/Chairman
Dolores Bredeson/County Clerk

Air Pollution Control District - APCD

Attn: C.W. Himenes/Air Pollution Control Specialist

DIVISION OF ENVIRONMENTAL PROTECTION - STATE OF NEVADA

201 South Fall Street, Room 221
Carson City, NV 89710

(702) 885-4670

Attn: Ernie Gregory/Administrator

DOUGLAS COUNTY SEWER IMPROVEMENTS DISTRICT

P.O. Box 578
Zephyr Cove, NV 89448

(916) 588-3558

Attn: Jack Stewart, Creegan & D'Angelo
Jim Martin/Manager

SENATOR JOHN GARMENDI

Capitol Annex, State Capitol
Room 4057
Sacramento, CA 95814

GOLDEN EMPIRE HEALTH SYSTEM AGENCY

827 7th Street, Room 431
Sacramento, CA 95814

(916) 477-3201

Attn: Rick Badger
Susan Sherry
Roe Bernard/President

HARRAH'S

P.O. Box 8
Stateline, NV 89449

(702) 588-6611

Attn: Lew Powers/Engineer Manager

LAKE TAHOE COMMUNITY COLLEGE

P.O. Box 14445
South Lake Tahoe, CA 95702

(916) 541-4660

Attn: James W. Duke/Superintendent

LAKE TAHOE UNIFIED SCHOOL DISTRICT

P.O. Box 14426
South Lake Tahoe, CA 95702

(916) 541-2850

Attn: Ken Lowry/Superintendent
Hal Maso, Ed D/Assistant Superintendent

LAKE VALLEY FIRE PROTECTION AGENCY

P.O. Box 11132
Tahoe Paradise, CA 95708

(916) 577-3737

Attn: Willis Brown/Chairman, Board of Director

* QUAD CONSULTANTS

1415 18th Street, Suite 611
Bakersfield, CA 93301

(805) 324-6591

Attn: Anders Hauge

SEDWAY/COOKE

Urban & Environmental Planners & Designers
325 Pacific Avenue
San Francisco, CA 94111

(415) 433-0966

Attn: Paul Sedway
Rod Jung

CONGRESSMAN NORMAN SHUMWAY

1045 North El Dorado, Room 5
Stockton, CA 95202

(209) 464-7612

SIERRA PACIFIC POWER COMPANY

P.O. Box 101
South Lake Tahoe, CA 95705

(916) 541-2040

Attn: Earl W. Cooper/District Manager

* SOUTH LAKE TAHOE (CITY OF)

P.O. Box 1210
South Lake Tahoe, CA 95705

(916) 541-2900

Attn: Richard Milbrodt/City Manager
Ann Bogush/Planning Director

City Council

P.O. Box 778
South Lake Tahoe, CA 95705 Attn: John Cefalu

P.O. Box 1562
South Lake Tahoe, CA 95705 Attn: Terry Trupp

P.O. Box 146
South Lake Tahoe, CA 95705 Attn: Norm Wood

P.O. Box 67
South Lake Tahoe, CA 95705 Attn: Frank Benevento

P.O. Box 8587
South Lake Tahoe, CA 95731 Attn: John Hubbell

Planning Commission

P.O. Box 1475
South Lake Tahoe, CA 95705 Attn: Keith Klein

SOUTH LAKE TAHOE CHAMBER OF COMMERCE

P.O. Box 15090
South Lake Tahoe, CA 95702

(916) 541-5255

Attn: John Wynn/Executive Vice-President

* SOUTH TAHOE PUBLIC UTILITY DISTRICT

P.O. Box AU
South Lake Tahoe, CA 95705

(916) 544-6474

Attn: James Cofer/District Manager-Engineer
Lorrene Kashuba/Director
Neal Olson/President
Mickey Madden/Director
Jim Jones/Director
John Weidman/PUD Attorney
Mary Ambrose/Clerk of Board
Robert G. Baer/Assistant District Director

SOUTH TAHOE REFUSE COMPANY

Drawer S
South Lake Tahoe, CA 95705

(916) 541-5105

Attn: John Marchini/Vice-President

TAHOE KEYS PROPERTY OWNERS' ASSOCIATION

P.O. Box 10470
South Lake Tahoe, CA 95731

(916) 541-4377

Attn: Dorothy Dobson/County Rep., Vice-President

TAHOE PARADISE WATER AND GAS COMPANY

P.O. Box 11117
Tahoe Paradise, CA 95705

(916) 541-2622

Attn: George C. Baron/President

*TAHOE REGIONAL PLANNING AGENCY - TRPA

P.O. Box 8896
South Lake Tahoe, CA 95731

(916) 541-0246

Attn: Phil Overeynder/Executive Director

TAHOE RESEARCH GROUP (UNIVERSITY OF CALIFORNIA)

P.O. Box 633
Tahoe City, CA 95730

(916) 583-3279

Attn: Robert L. Leonard/Director
Robert Richards

TAHOE TRANSPORTATION AGENCY

c/o South Lake Tahoe (City of)
P.O. Box 1210
South Lake Tahoe, CA 95705

(916) 541-2900

Attn: Del Lane

TAHOE TRANSPORTATION DISTRICT

c/o Tahoe Regional Planning Agency
P.O. Box 8896
South Lake Tahoe, CA 95731

(916) 541-0246

Attn: Del Lane
Richard Milbrodt

* U.S. ENVIRONMENTAL PROTECTION AGENCY - EPA

215 Fremont Street
San Francisco, CA 94105

(415) 556-8043

Attn: Janet Rosati
Dave Clark
Mark Zuckerman
David Jones

* U.S. FOREST SERVICE

P.O. Box 8465
South Lake Tahoe, CA 95731

(916) 544-6420

Attn: Glenn Smith/Acting Forest Supervisor
Bill Morgan/Forest Supervisor
Mark Petty (415) 556-1217

U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF LAND MANAGEMENT

1050 East William, Suite #335
Carson, NV 89701

(702) 882-1631

Attn: Thomas J. Owen/District Manager
Randolph W. Reimold/Area Manager

U.S. DEPARTMENT OF THE INTERIOR - BUREAU OF LAND MANAGEMENT - NEVADA

State Office
300 Booth Street
P.O. Box 12000
Reno, NV 89520

Attn: Edward F. Spang/State Director, Nevada

U.S. DEPARTMENT OF THE INTERIOR - GEOLOGICAL SURVEY

Water Resources Division
Room 227, Federal Building
Carson City, NV 89701

(702) 882-1388

Attn: F.T. Hidaka/ District Chief
Tim Durbin
E.J. McClelland/Chief, Sacramento Subdistrict

U.S. POSTAL SERVICE

Western Regional Office
San Bruno, CA 97099

(415) 876-9255

Attn: Daniel M. Curts/Senior Assistant Regional Counsel

* U.S. SOIL CONSERVATION SERVICE

P.O. Box 10529
South Lake Tahoe, CA 95731

(916) 541-1496

Attn: Richard C. Pyle/Dist. Conservationist
Kenneth C. Smith/Sec. Treasurer
James Lung/President

U.S.GPO:1981;791-388/208